

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011741.D
 Acq On : 21 Aug 2019 19:49
 Operator : JC/SP
 Sample : VX0821WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:41 AM

Quant Time: Aug 22 04:16:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	324270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	470100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	467062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	155893	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
35) Dibromofluoromethane	5.49	113	143736	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
50) Toluene-d8	8.71	98	486057	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	201128	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	70832	22.223	ug/l	97
3) Chloromethane	1.32	50	59598	18.003	ug/l	99
4) Vinyl Chloride	1.40	62	57266	19.149	ug/l	97
5) Bromomethane	1.63	94	34813	25.980	ug/l	100
6) Chloroethane	1.71	64	32373	22.873	ug/l	96
7) Trichlorofluoromethane	1.92	101	94590	22.836	ug/l	97
8) Diethyl Ether	2.18	74	32809	23.090	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56290	19.675	ug/l	93
10) Methyl Iodide	2.50	142	55512	13.620	ug/l	95
11) Tert butyl alcohol	3.04	59	74110	100.455	ug/l	97
12) 1,1-Dichloroethene	2.37	96	52895	19.131	ug/l	96
13) Acrolein	2.29	56	20959	100.014	ug/l	95
14) Allyl chloride	2.72	41	81621	17.746	ug/l	92
15) Acrylonitrile	3.14	53	169361	100.304	ug/l	100
16) Acetone	2.43	43	148885	98.465	ug/l	98
17) Carbon Disulfide	2.56	76	110860	17.016	ug/l	100
18) Methyl Acetate	2.76	43	96552	20.589	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	188118	20.891	ug/l	94
20) Methylene Chloride	2.85	84	61258	19.295	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	56290	19.212	ug/l	98
22) Diisopropyl ether	3.85	45	178439	19.481	ug/l	93
23) Vinyl Acetate	3.81	43	705342	97.244	ug/l	99
24) 1,1-Dichloroethane	3.69	63	101691	19.636	ug/l	98
25) 2-Butanone	4.67	43	233213	98.244	ug/l	99
26) 2,2-Dichloropropane	4.57	77	70604	18.114	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	68195	19.965	ug/l	97
28) Bromochloromethane	5.01	49	43468	19.120	ug/l	98
29) Tetrahydrofuran	5.12	42	146664	94.187	ug/l	96
30) Chloroform	5.20	83	113514	20.769	ug/l	97
31) Cyclohexane	5.57	56	81450	18.267	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	97326	20.710	ug/l	98
36) 1,1-Dichloropropene	5.80	75	75148	18.697	ug/l	98
37) Ethyl Acetate	4.83	43	84815	18.347	ug/l	98
38) Carbon Tetrachloride	5.78	117	84803	19.151	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88698	17.870	ug/l	97
40) Benzene	6.13	78	234639	18.786	ug/l	99
41) Methacrylonitrile	5.03	41	50399	19.808	ug/l	98
42) 1,2-Dichloroethane	6.19	62	91943	21.247	ug/l	99
43) Isopropyl Acetate	6.44	43	132942	18.427	ug/l	98
44) Trichloroethene	7.21	130	69829	18.846	ug/l	98
45) 1,2-Dichloropropane	7.51	63	62358	20.019	ug/l	98
46) Dibromomethane	7.66	93	45639	20.162	ug/l	98
47) Bromodichloromethane	7.90	83	85136	20.484	ug/l	97
48) Methyl methacrylate	7.76	41	70961	19.861	ug/l	95
49) 1,4-Dioxane	7.74	88	38804	408.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	494988	104.819	ug/l	100
52) Toluene	8.78	92	163927	20.601	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85874	19.908	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	95344	20.197	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	73329	21.670	ug/l	95
56) Ethyl methacrylate	9.18	69	103775	21.100	ug/l	99
57) 1,3-Dichloropropane	9.37	76	114787	21.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	251313	102.552	ug/l	100
59) 2-Hexanone	9.49	43	376265	103.323	ug/l	99
60) Dibromochloromethane	9.58	129	73637	20.886	ug/l	99
61) 1,2-Dibromoethane	9.67	107	76944	21.306	ug/l	99
64) Tetrachloroethene	9.34	164	75831	19.788	ug/l	99
65) Chlorobenzene	10.13	112	189447	19.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	70618	18.966	ug/l	99
67) Ethyl Benzene	10.25	91	315944	19.003	ug/l	99
68) m/p-Xylenes	10.35	106	246261	38.588	ug/l	100
69) o-Xylene	10.69	106	119923	19.184	ug/l	100
70) Styrene	10.71	104	202953	19.286	ug/l	99
71) Bromoform	10.85	173	57294	18.083	ug/l #	100
73) Isopropylbenzene	11.02	105	322723	19.609	ug/l	99
74) N-amyl acetate	10.90	43	123395	17.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	108312	19.131	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	94518m	19.653	ug/l	
77) Bromobenzene	11.25	156	96201	19.647	ug/l	99
78) n-propylbenzene	11.35	91	345140	19.448	ug/l	100
79) 2-Chlorotoluene	11.42	91	213887	19.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	272143	19.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26546	18.097	ug/l	92
82) 4-Chlorotoluene	11.51	91	245461	19.416	ug/l	99
83) tert-Butylbenzene	11.77	119	269305	19.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	271947	19.594	ug/l	99
85) sec-Butylbenzene	11.94	105	307674	19.367	ug/l	100
86) p-Isopropyltoluene	12.06	119	289277	19.356	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	161874	19.233	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161766	18.964	ug/l	99
89) n-Butylbenzene	12.38	91	227167	18.488	ug/l	100
90) Hexachloroethane	12.59	117	43805	18.561	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	164399	19.459	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22739	17.556	ug/l	100

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ClientSampleId :
VX0821WBS02

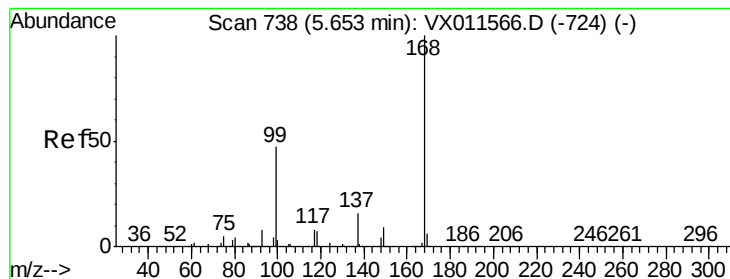
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113815	18.080	ug/l	99
94) Hexachlorobutadiene	13.78	225	60792	17.735	ug/l	97
95) Naphthalene	13.83	128	344629	19.365	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121316	19.107	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion:168 Resp: 324270

Ion Ratio Lower Upper

168 100

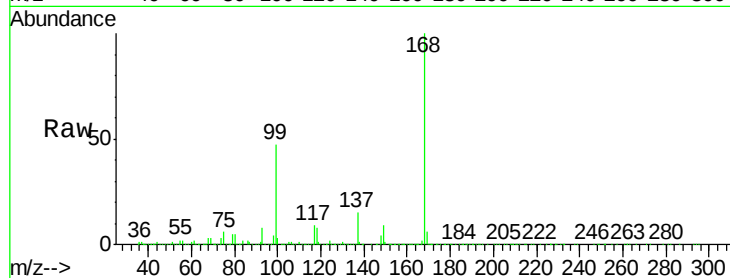
99 46.5 37.3 55.9

Manual Integrations

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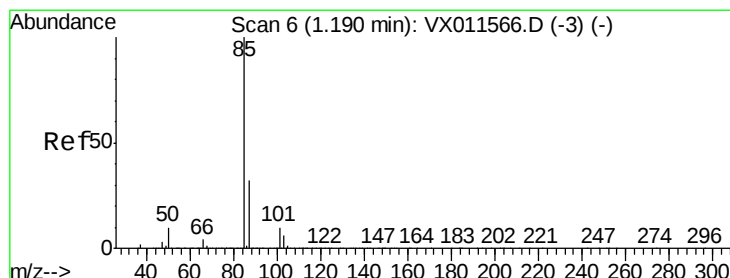
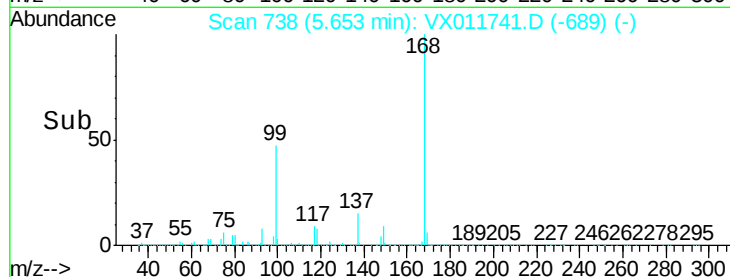
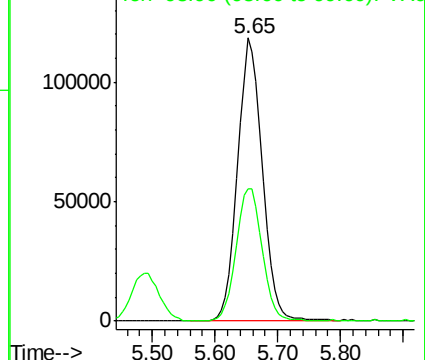
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.223 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011741.D

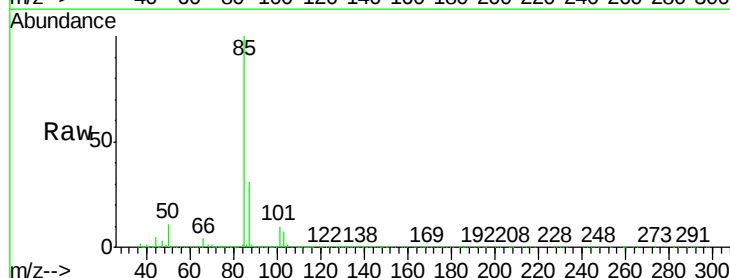
Acq: 21 Aug 2019 19:49

Tgt Ion: 85 Resp: 70832

Ion Ratio Lower Upper

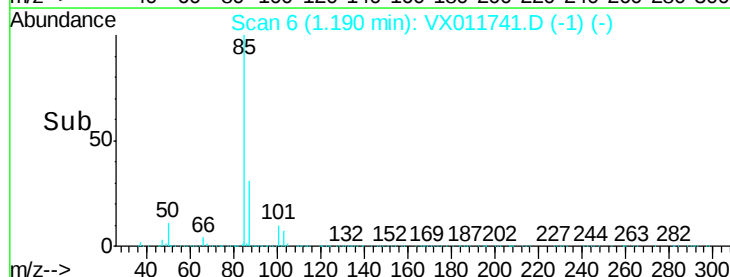
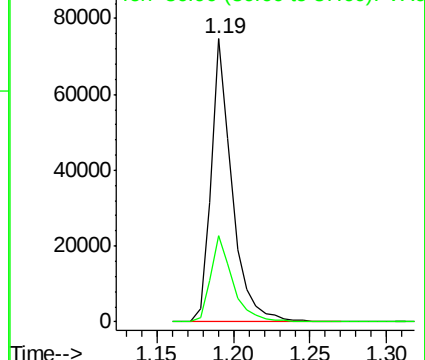
85 100

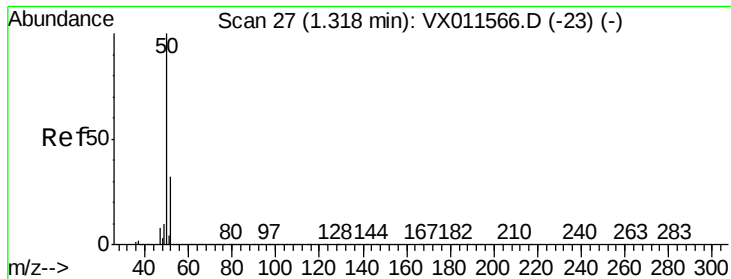
87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.003 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 50 Resp: 59598

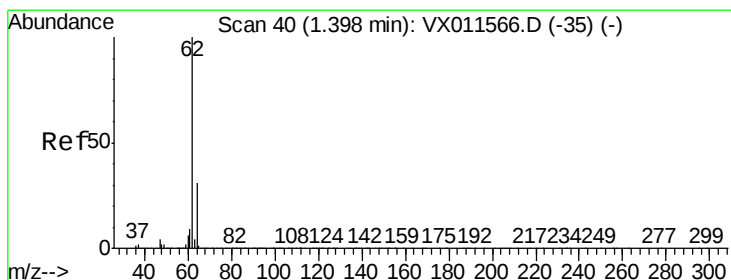
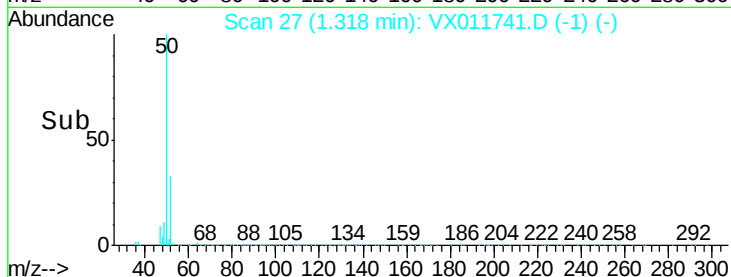
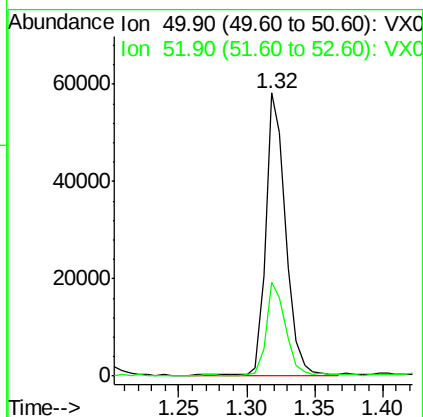
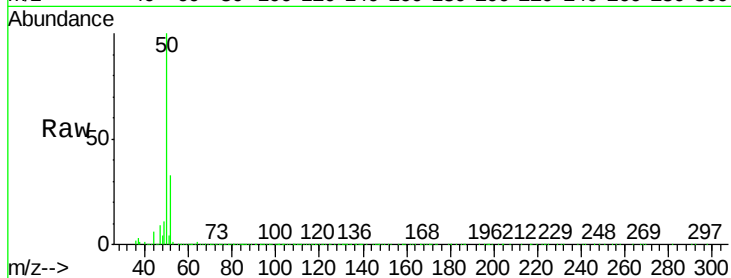
Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.149 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011741.D

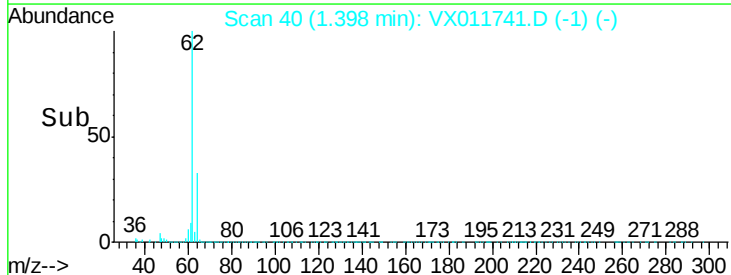
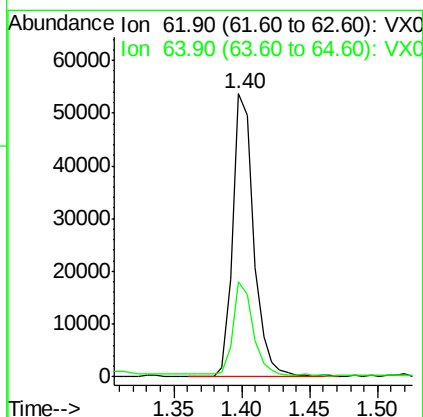
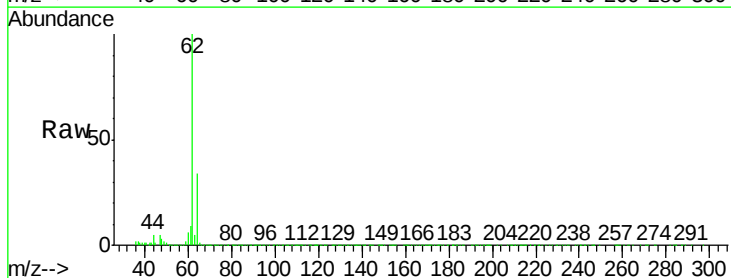
Acq: 21 Aug 2019 19:49

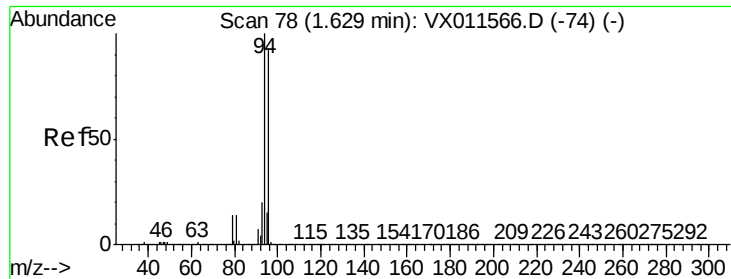
Tgt Ion: 62 Resp: 57266

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.4





#5

Bromomethane

Concen: 25.980 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 94 Resp: 34813

Ion Ratio Lower Upper

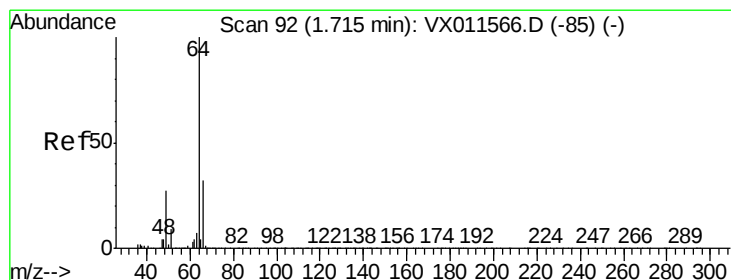
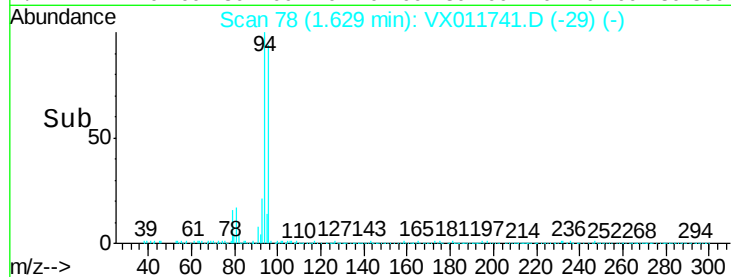
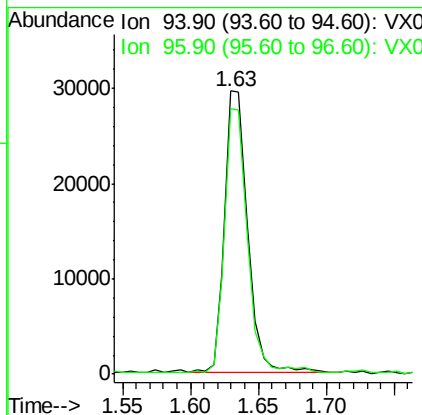
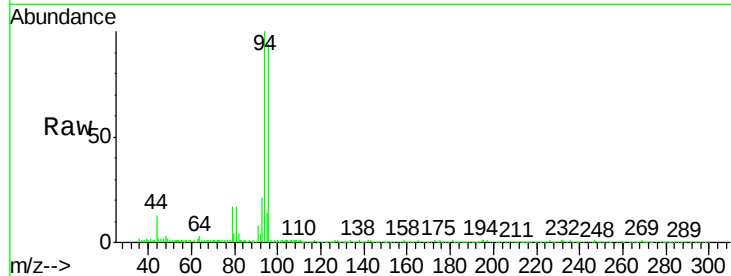
94 100

96 93.8 74.8 112.2

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#6

Chloroethane

Concen: 22.873 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011741.D

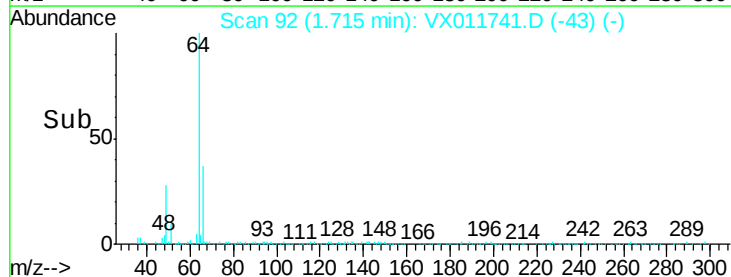
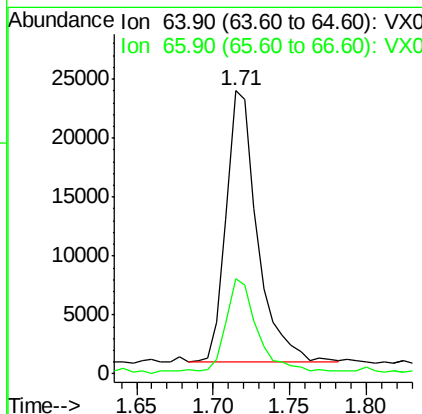
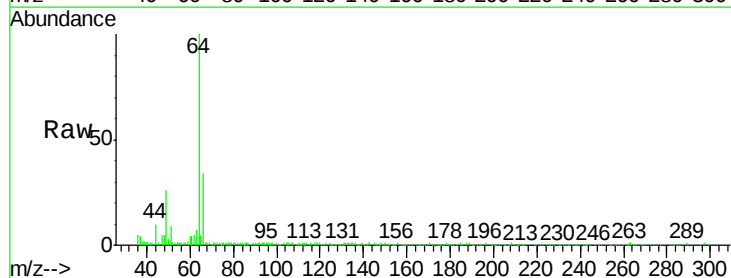
Acq: 21 Aug 2019 19:49

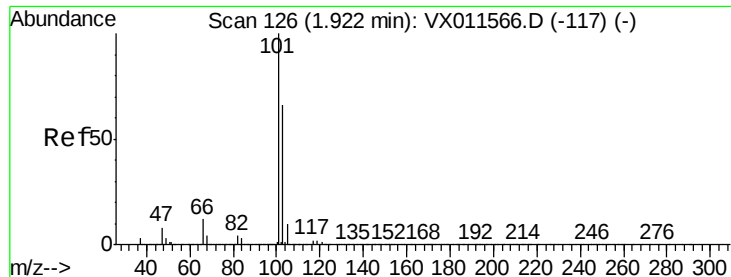
Tgt Ion: 64 Resp: 32373

Ion Ratio Lower Upper

64 100

66 34.1 25.3 37.9





#7

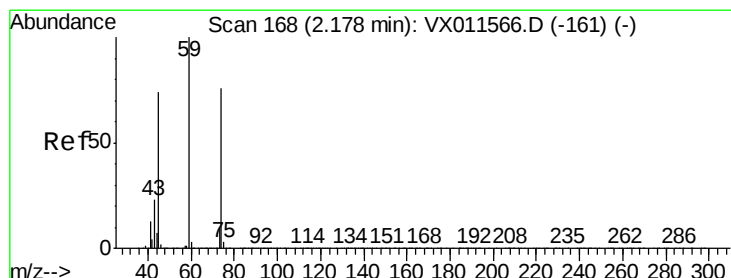
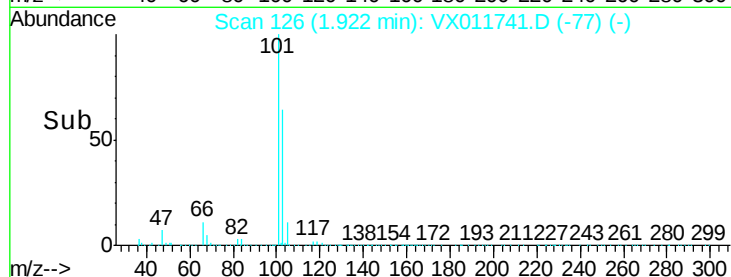
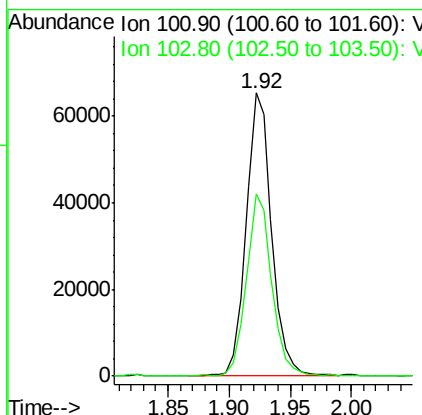
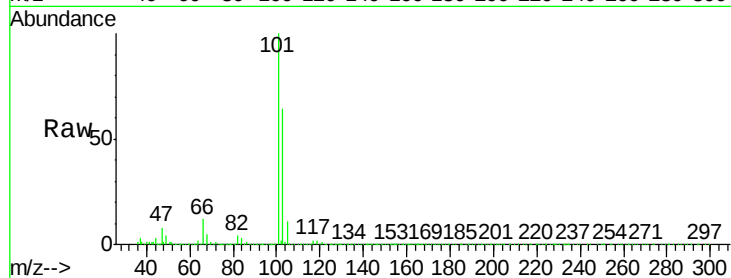
Trichlorofluoromethane
Concen: 22.836 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
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ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.9	79.3

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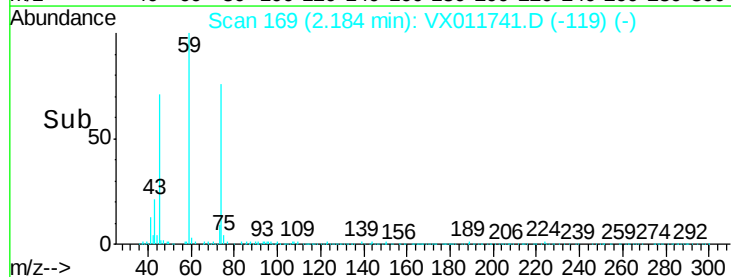
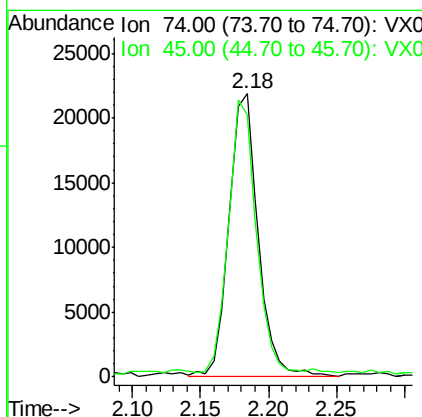
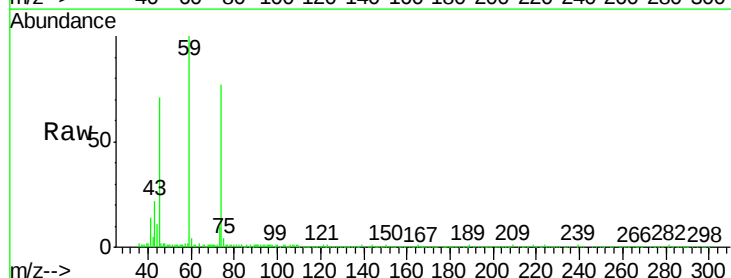
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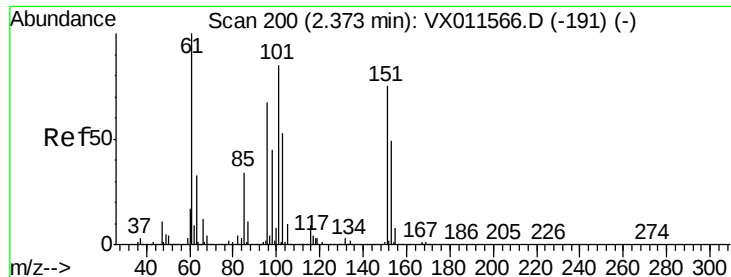


#8

Diethyl Ether
Concen: 23.090 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.9	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.675 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

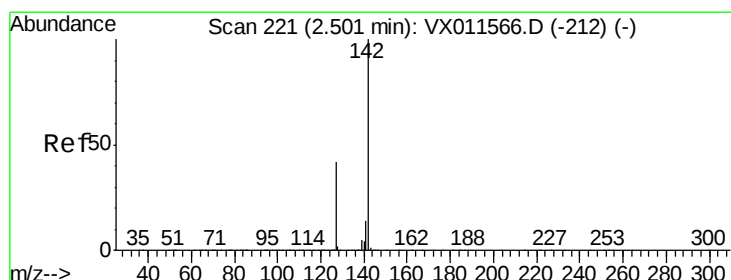
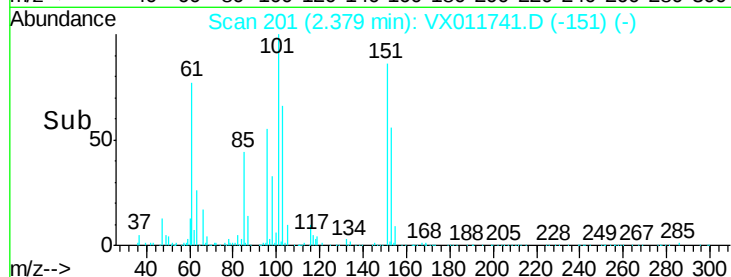
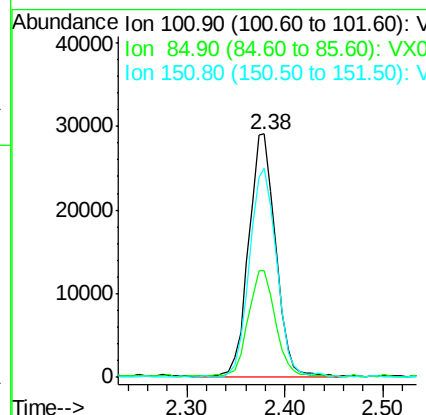
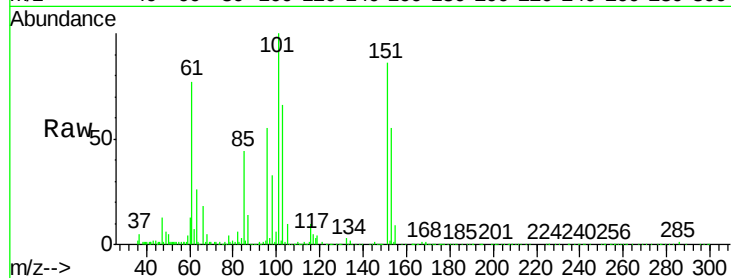
ClientSampleId :

VX0821WBS02

Tot Ion:	101	Resp:	56290
Ion Ratio	Lower	Upper	
101	100		
85	45.0	33.0	49.4
151	84.9	73.3	109.9

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#10

Methyl Iodide

Concen: 13.620 ug/l

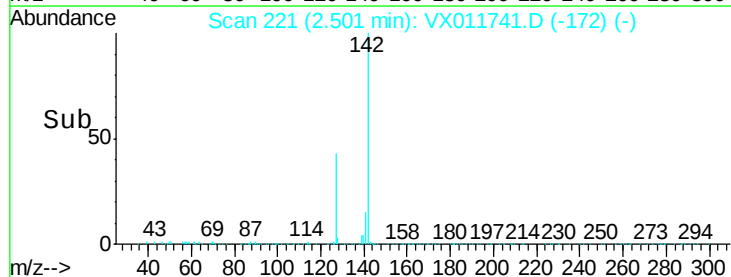
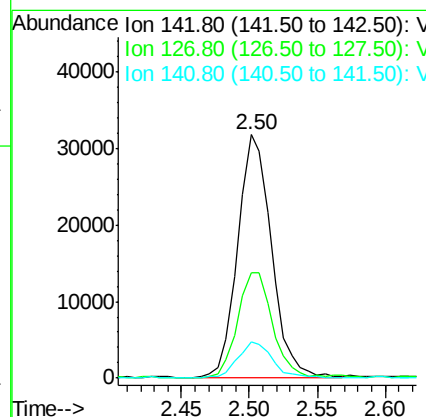
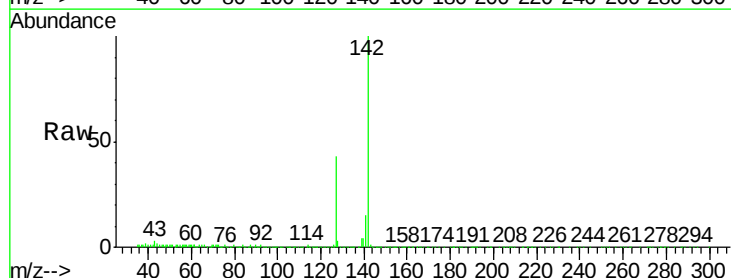
RT: 2.50 min Scan# 221

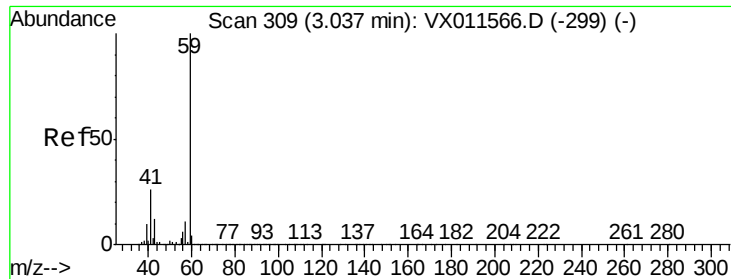
Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:	142	Resp:	55512
Ion Ratio	Lower	Upper	
142	100		
127	44.9	32.8	49.2
141	15.5	11.4	17.2





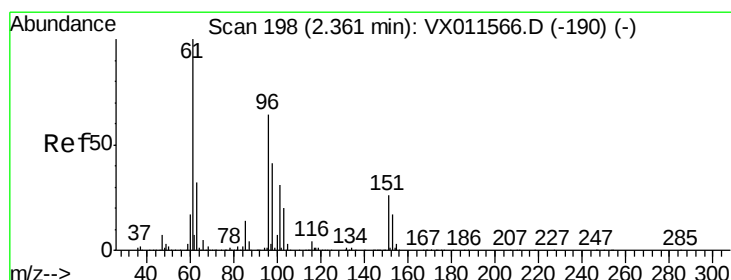
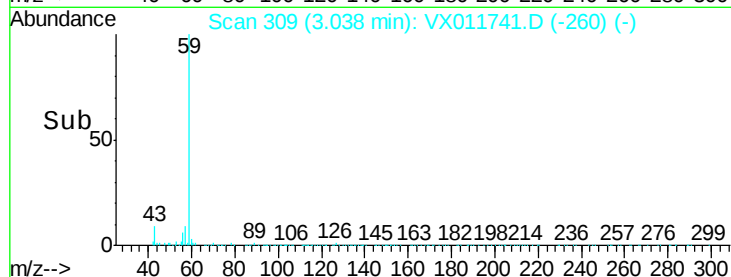
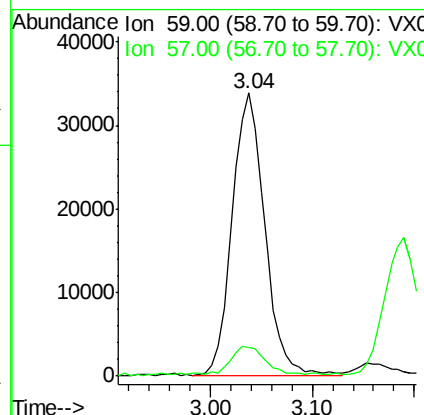
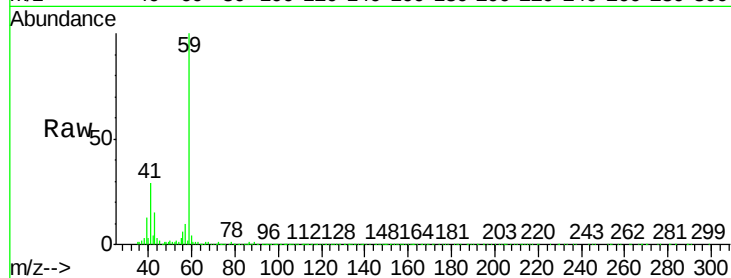
#11
Tert butyl alcohol
Concen: 100.455 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.7	13.1

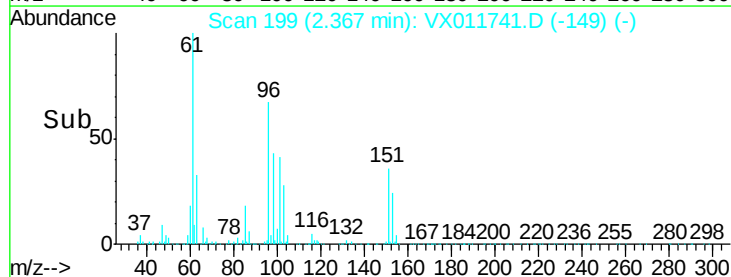
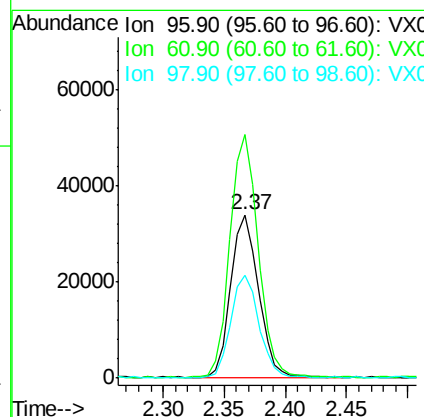
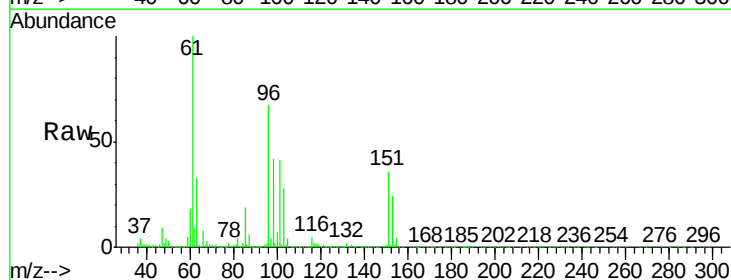
Manual Integrations
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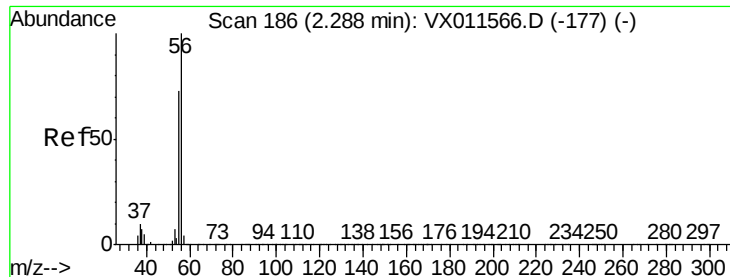
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.131 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.1	125.0	187.4
98	63.2	51.5	77.3





#13

Acrolein

Concen: 100.014 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 56 Resp: 20959

Ion Ratio Lower Upper

56 100

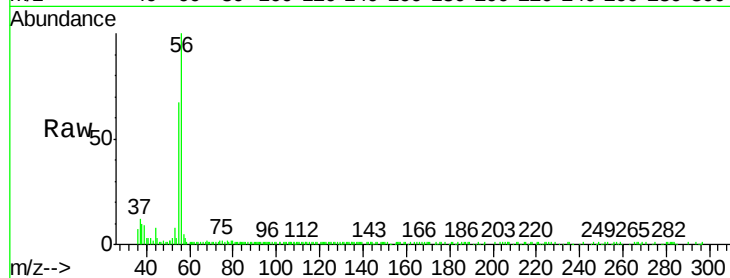
55 73.4 55.5 83.3

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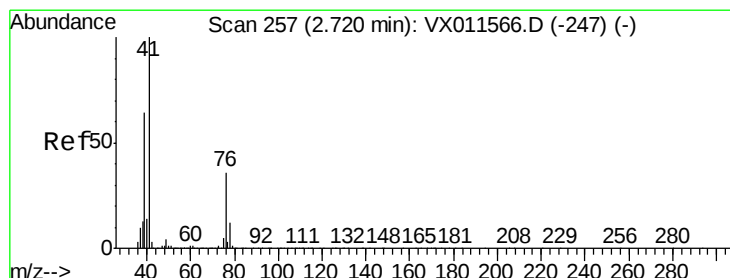
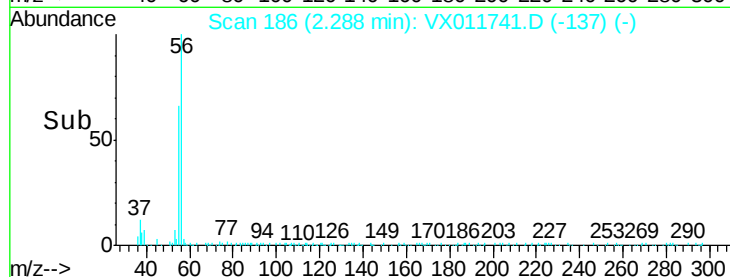
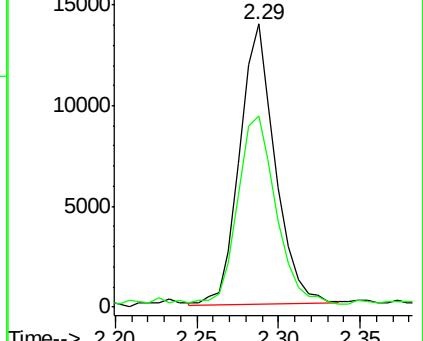
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.746 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

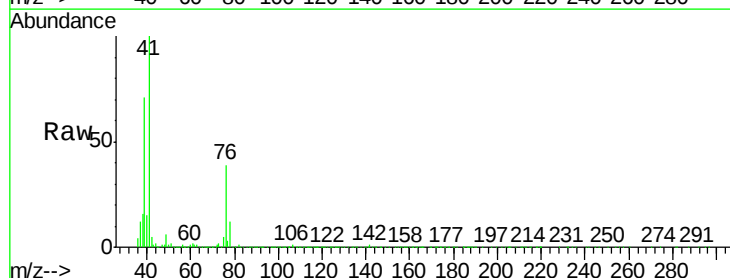
Tgt Ion: 41 Resp: 81621

Ion Ratio Lower Upper

41 100

39 67.7 47.5 71.3

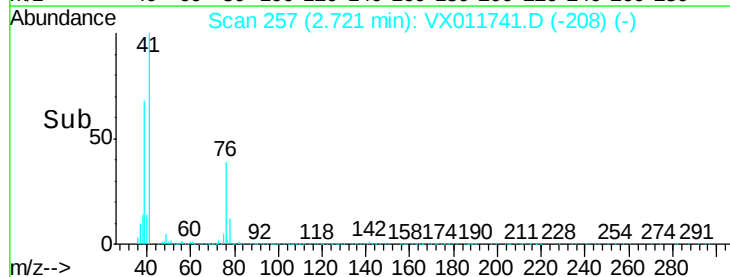
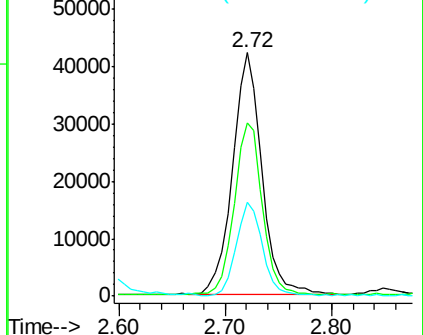
76 33.9 26.3 39.5

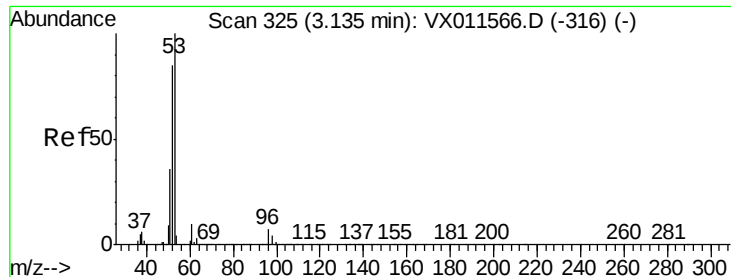


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





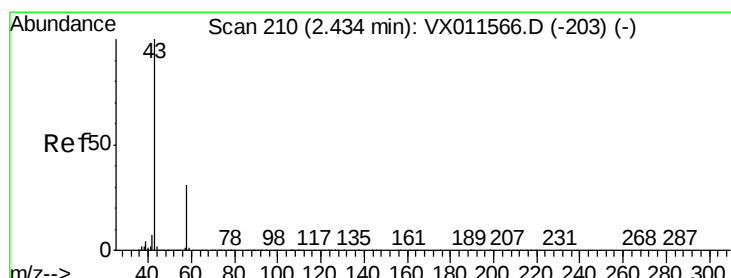
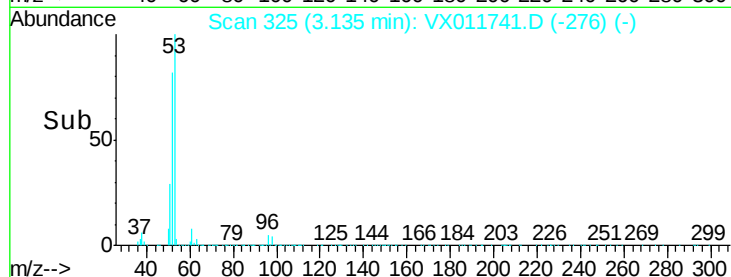
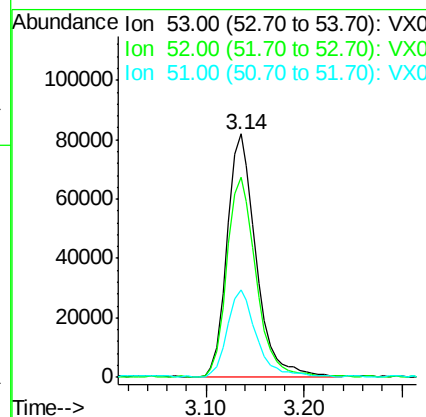
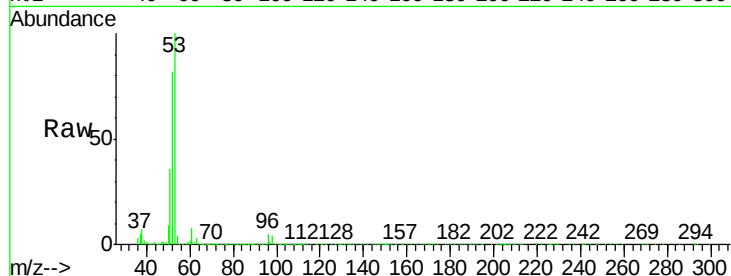
#15
 Acrylonitrile
 Concen: 100.304 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0821WBS02

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.1	66.7	100.1	
51	35.5	28.7	43.1	

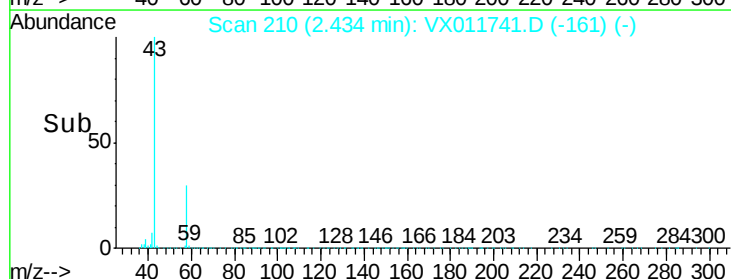
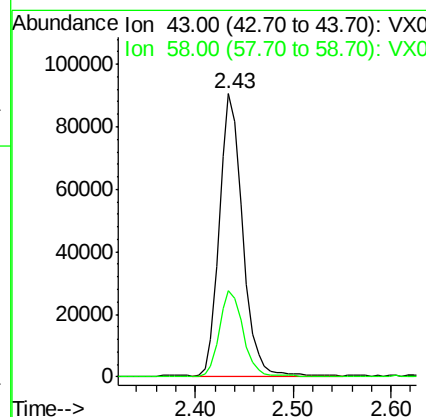
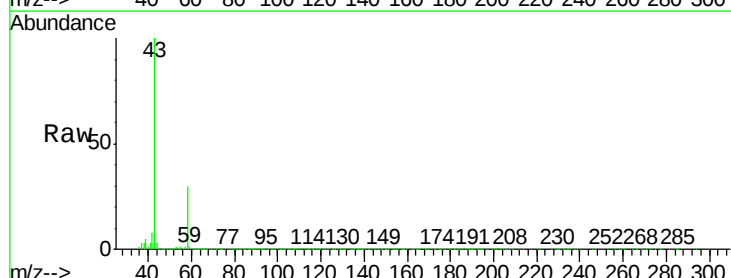
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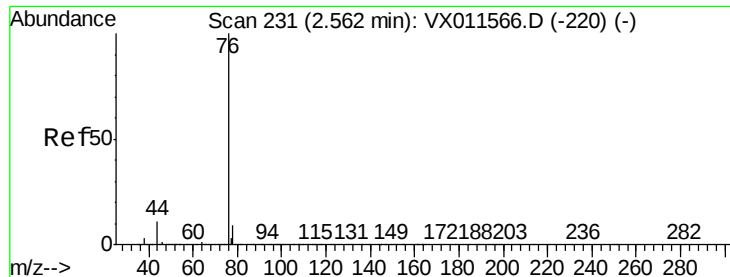
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#16
 Acetone
 Concen: 98.465 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	30.3	25.2	37.8	





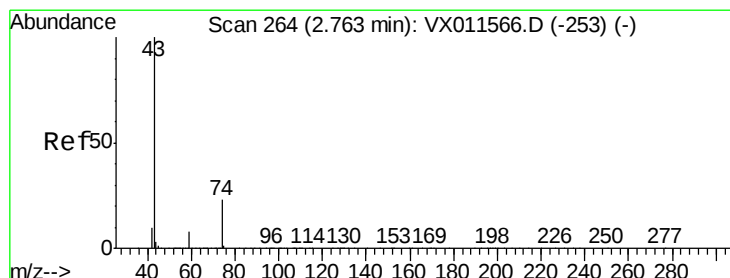
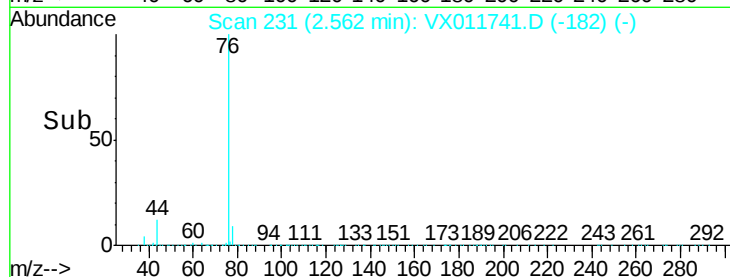
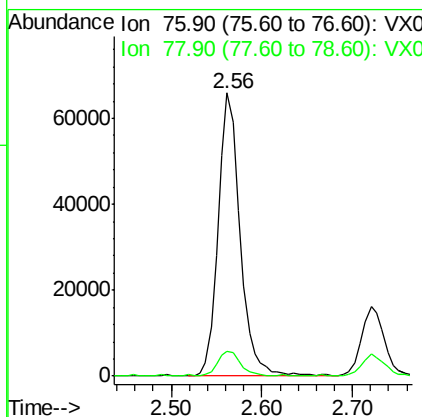
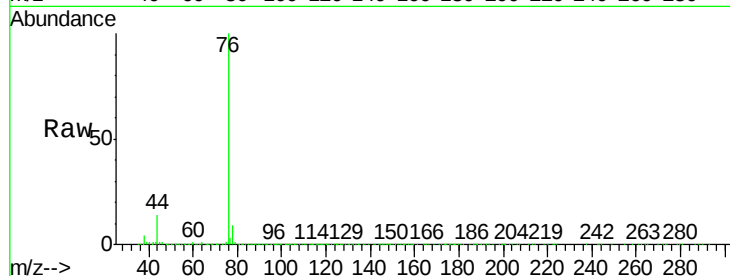
#17
Carbon Disulfide
Concen: 17.016 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

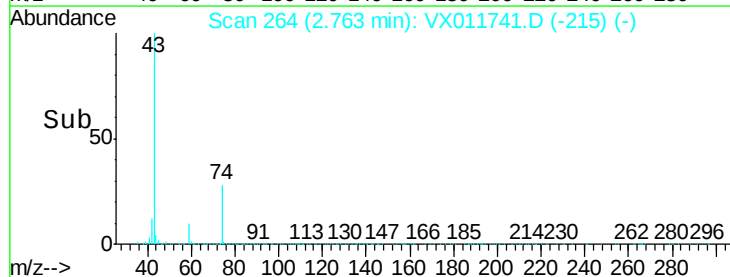
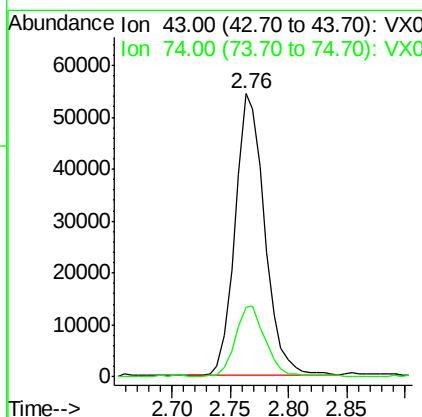
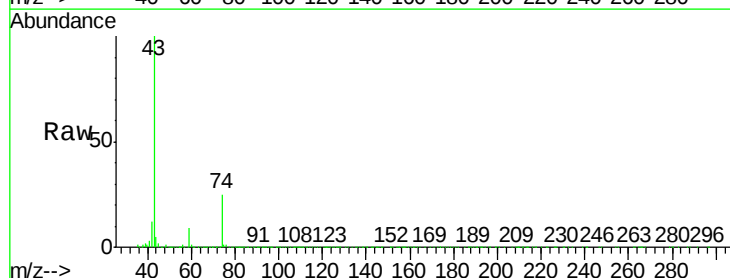
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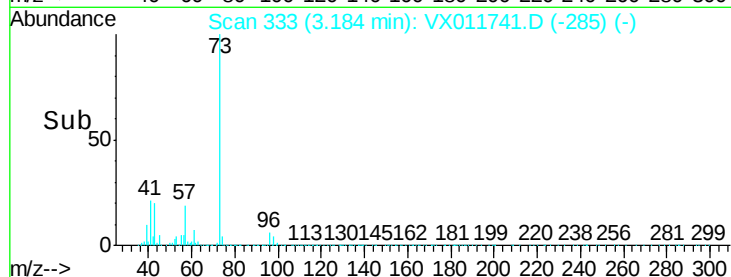
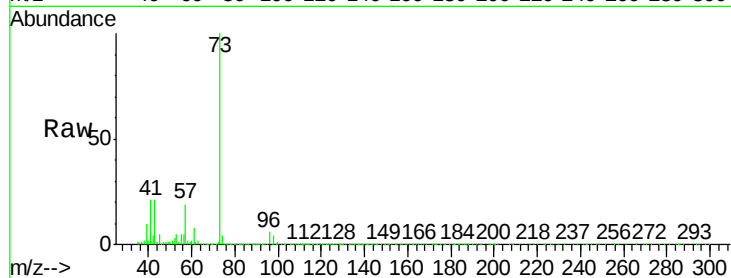
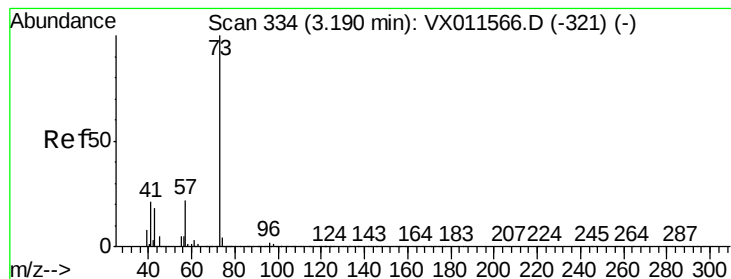
MMDadoda
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#18
Methyl Acetate
Concen: 20.589 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.7	29.5





#19

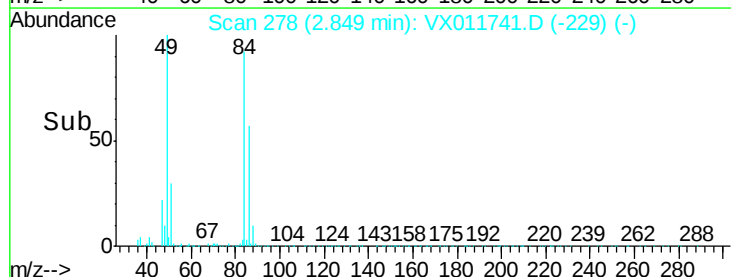
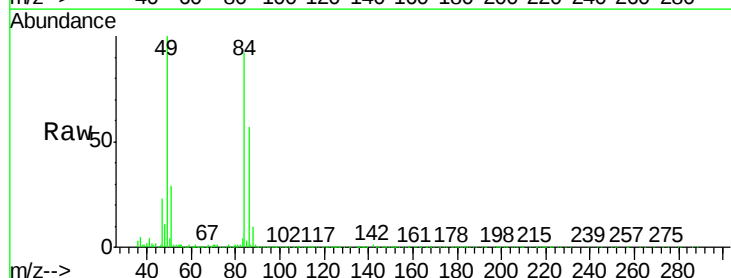
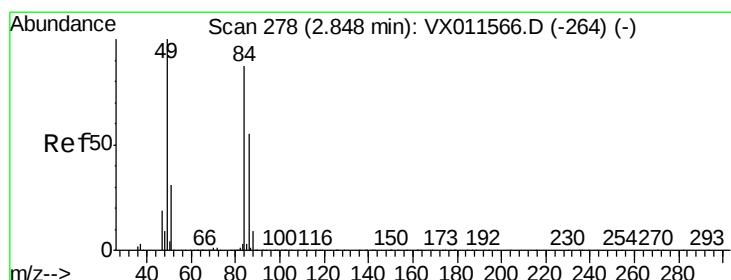
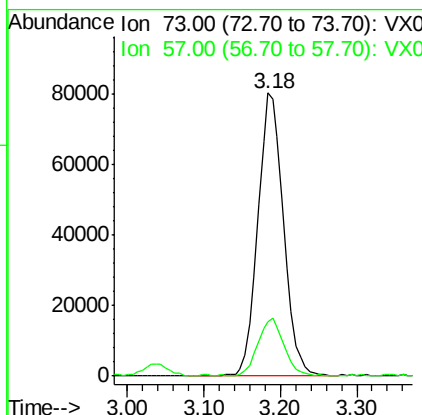
Methyl tert-butyl Ether
Concen: 20.891 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.8	17.2	25.8

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

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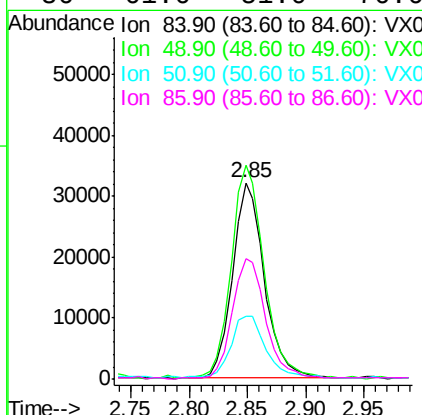
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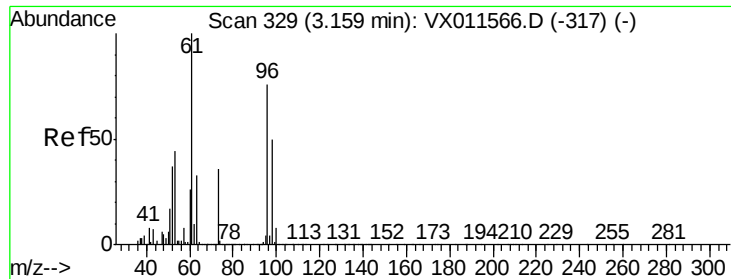


#20

Methylene Chloride
Concen: 19.295 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.9	92.4	138.6
51	31.3	28.5	42.7
86	61.6	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.212 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

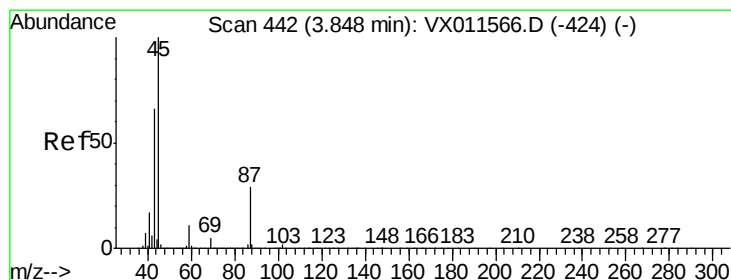
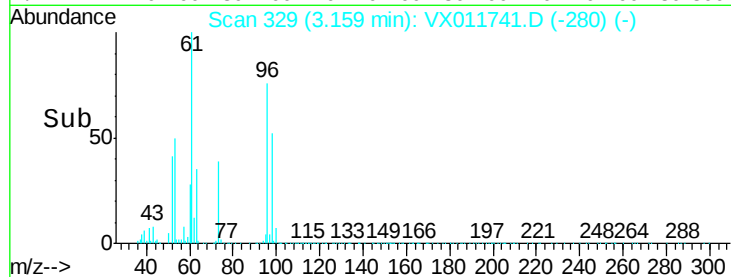
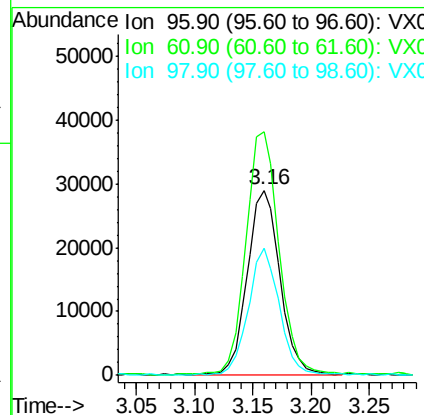
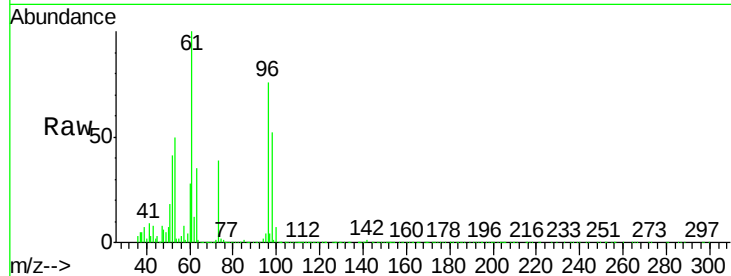
ClientSampleId :

VX0821WBS02

Tot Ion:	96	Resp:	56290
Ion	Ratio	Lower	Upper
96	100		
61	131.1	105.5	158.3
98	69.0	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.481 ug/l

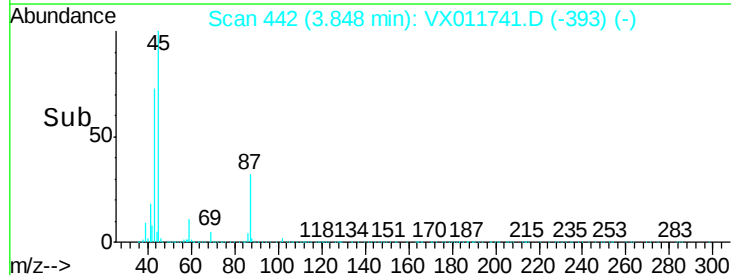
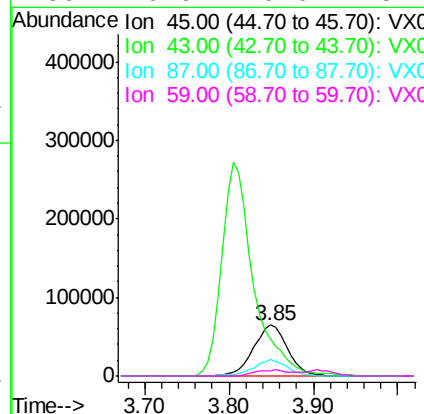
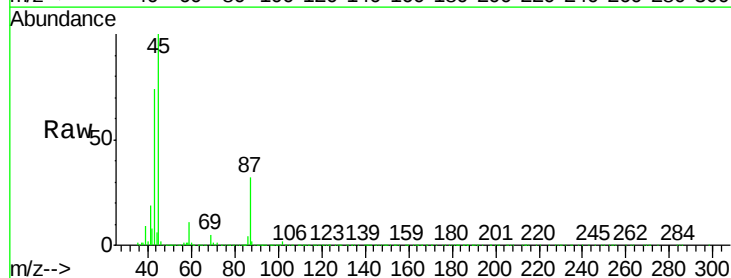
RT: 3.85 min Scan# 442

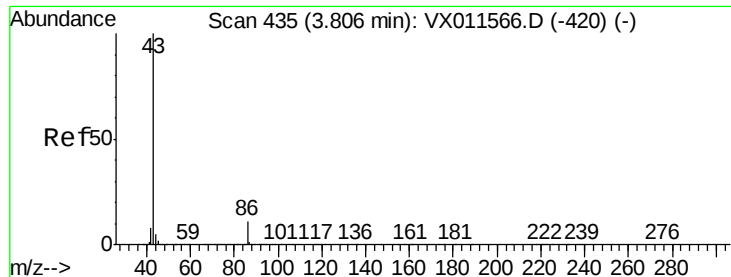
Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:	45	Resp:	178439
Ion	Ratio	Lower	Upper
45	100		
43	72.7	52.7	79.1
87	31.8	23.5	35.3
59	10.9	9.0	13.4





#23

Vinyl Acetate

Concen: 97.244 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tot Ion: 43 Resp: 705342

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0

Instrument :

MSVOA_X

ClientSampleId :

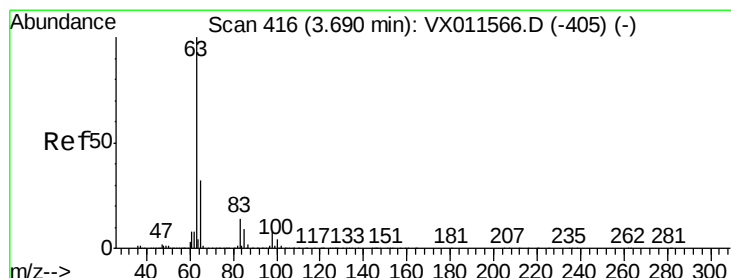
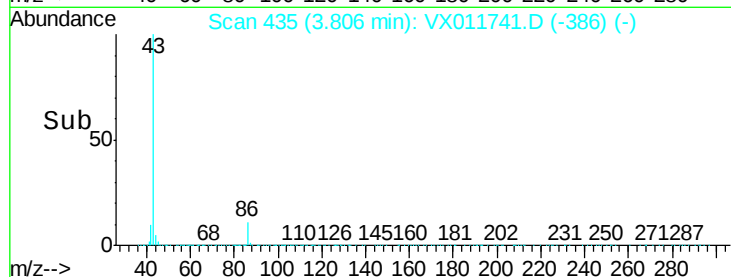
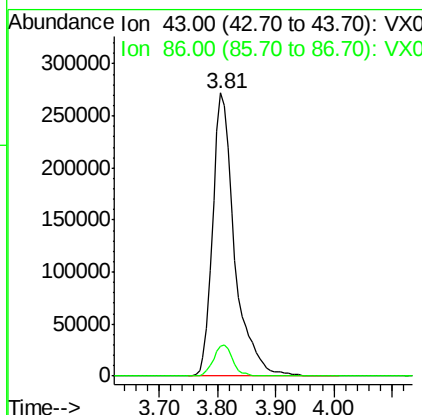
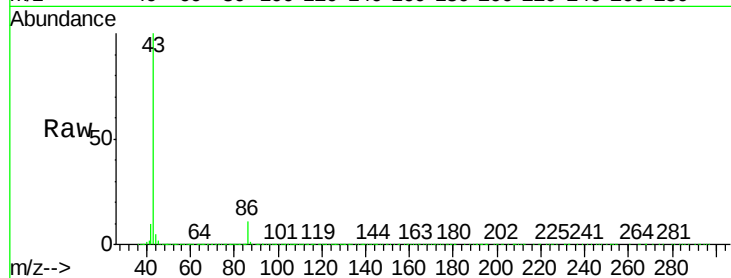
VX0821WBS02

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#24

1,1-Dichloroethane

Concen: 19.636 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

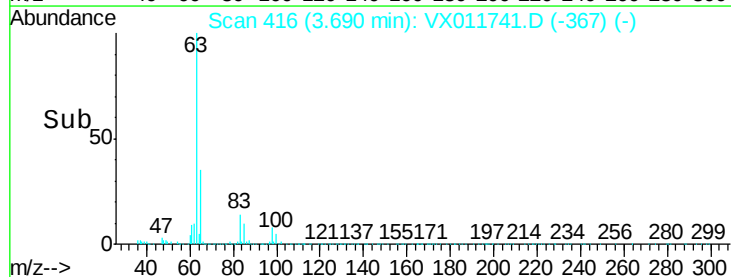
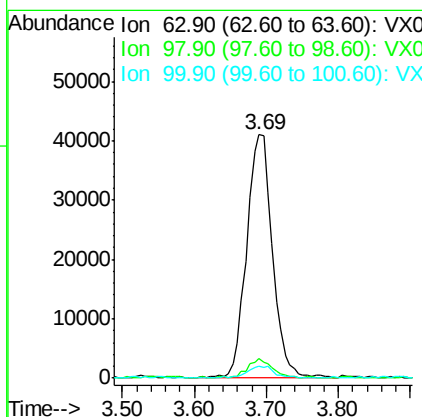
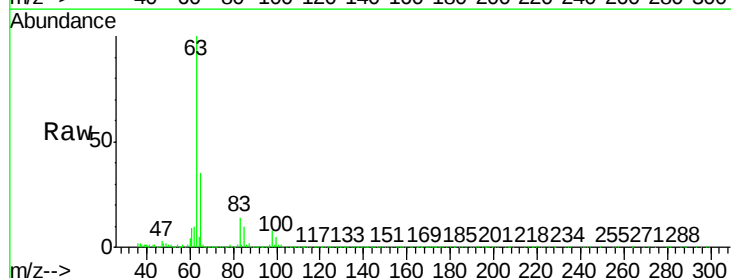
Tgt Ion: 63 Resp: 101691

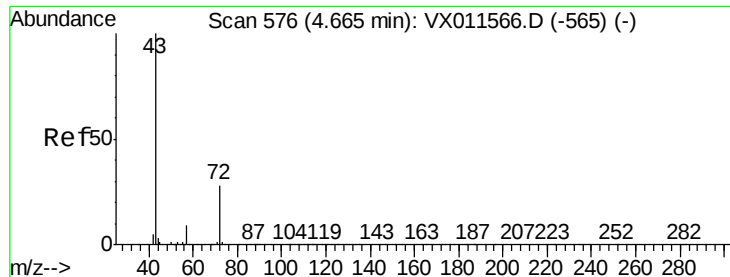
Ion Ratio Lower Upper

63 100

98 8.3 3.7 11.1

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 98.244 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 43 Resp: 233213

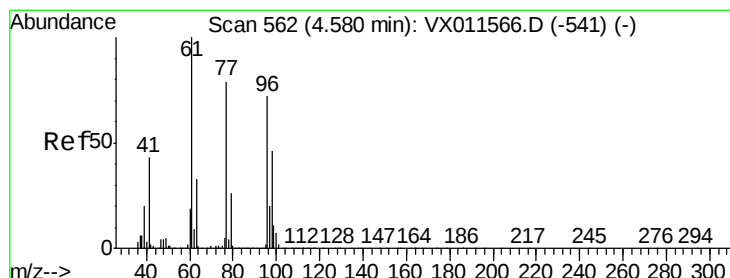
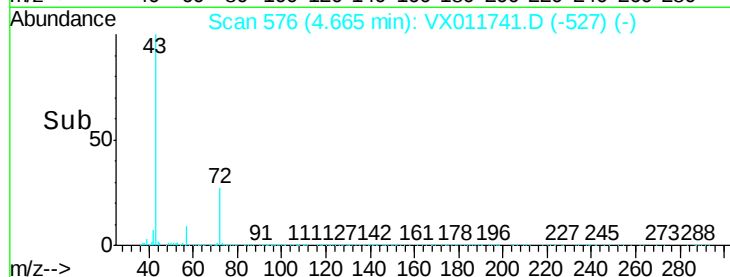
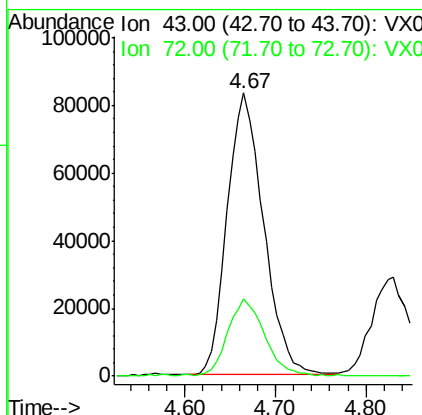
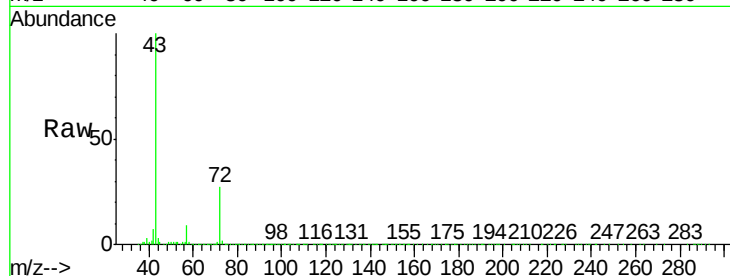
Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.114 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011741.D

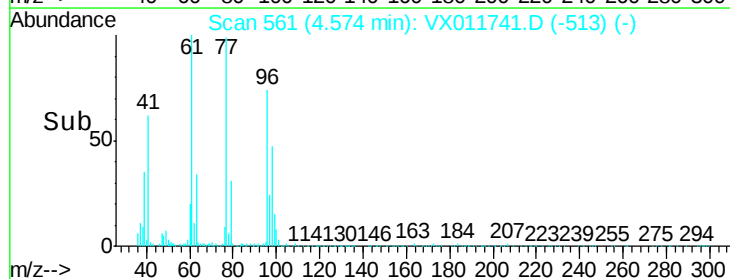
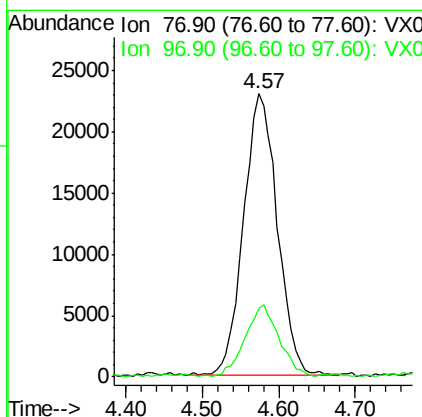
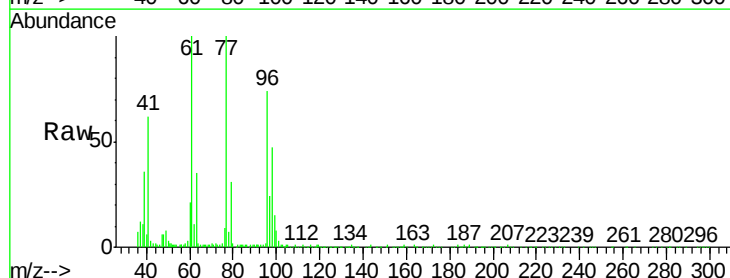
Acq: 21 Aug 2019 19:49

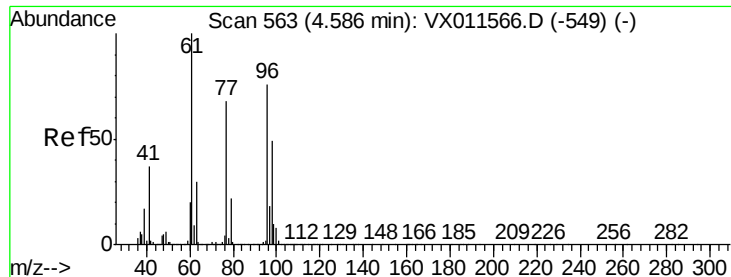
Tgt Ion: 77 Resp: 70604

Ion Ratio Lower Upper

77 100

97 26.1 12.4 37.2





#27

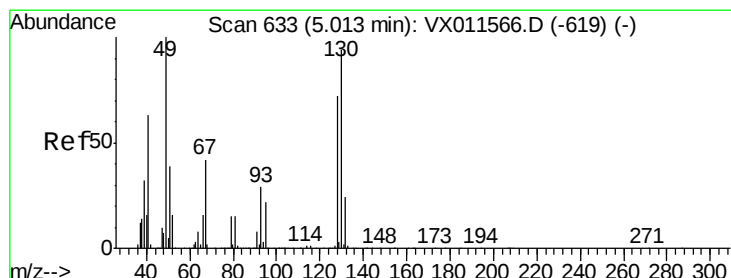
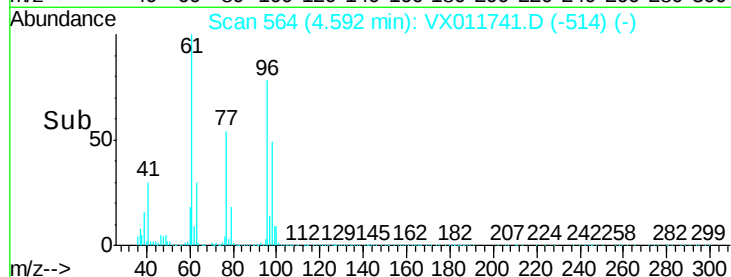
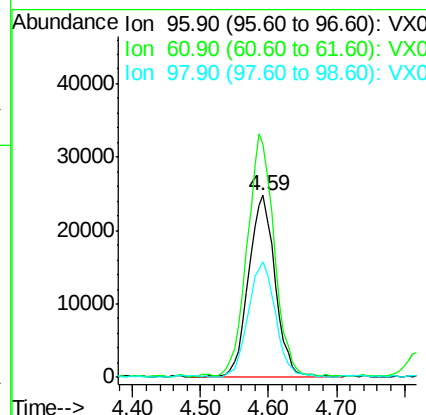
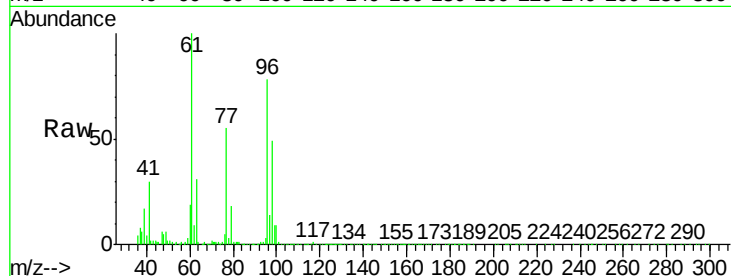
cis-1,2-Dichloroethene
Concen: 19.965 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	272.6
98	63.7	0.0	129.4

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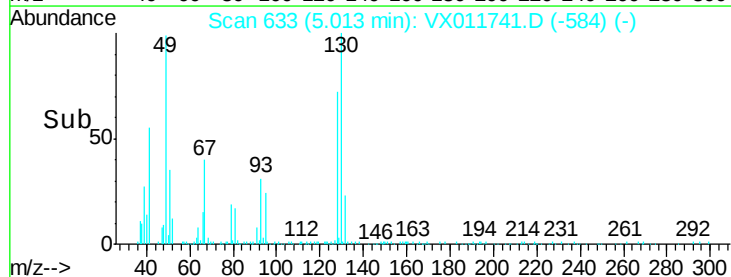
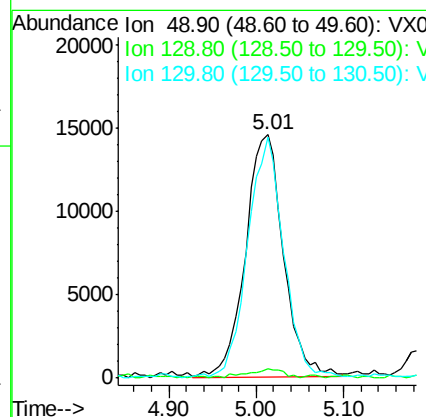
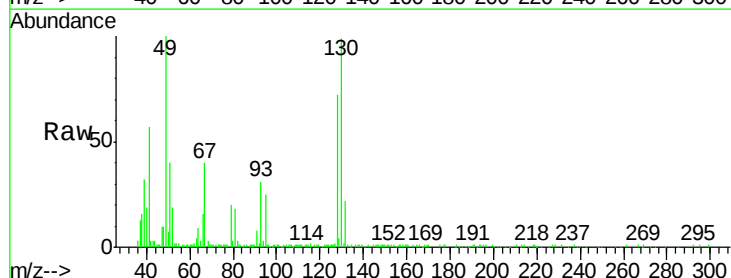
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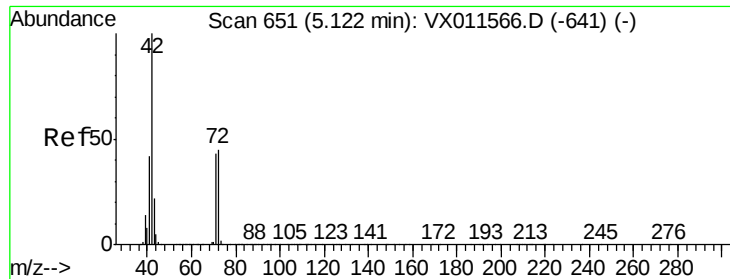


#28

Bromochloromethane
Concen: 19.120 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.6	0.0	5.0
130	94.3	76.6	115.0





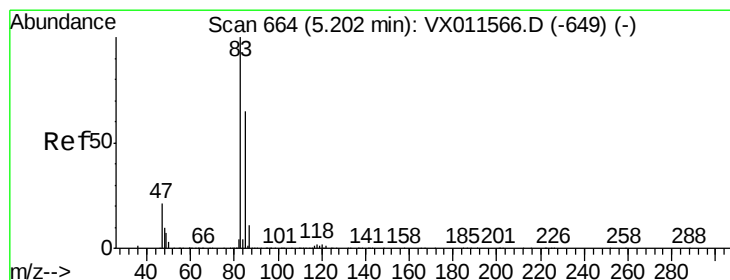
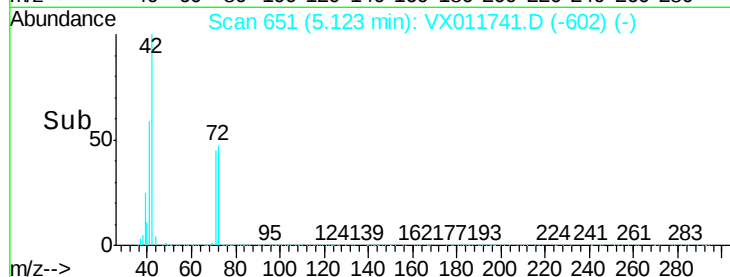
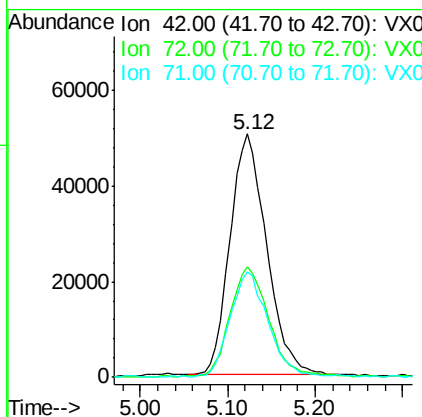
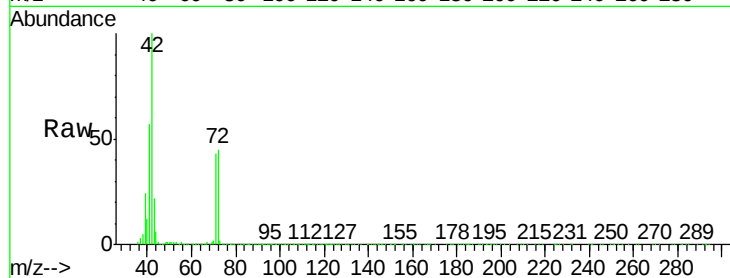
#29
Tetrahydrofuran
Concen: 94.187 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	36.1	54.1
71	44.2	33.8	50.8

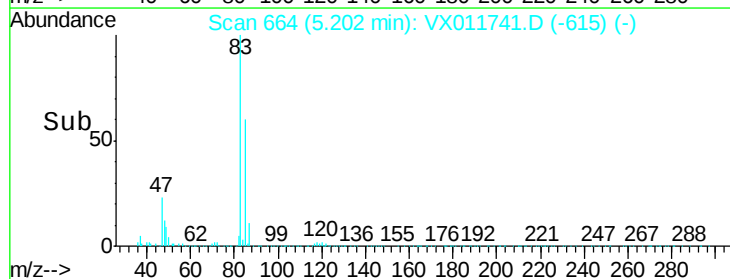
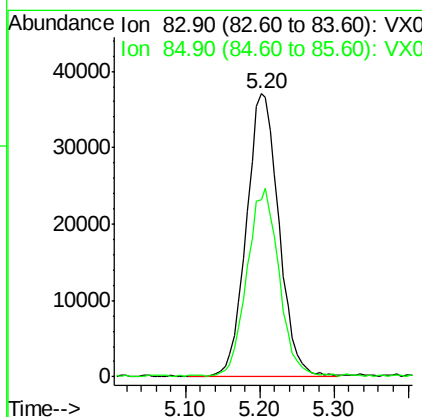
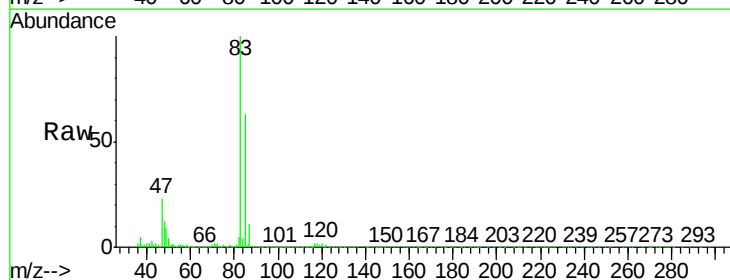
Manual Integrations
APPROVED

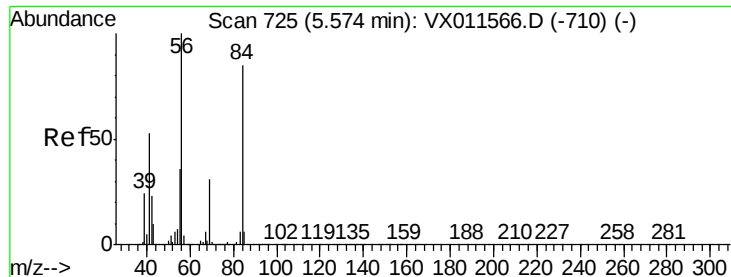
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#30
Chloroform
Concen: 20.769 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.9	77.9





#31

Cyclohexane

Concen: 18.267 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

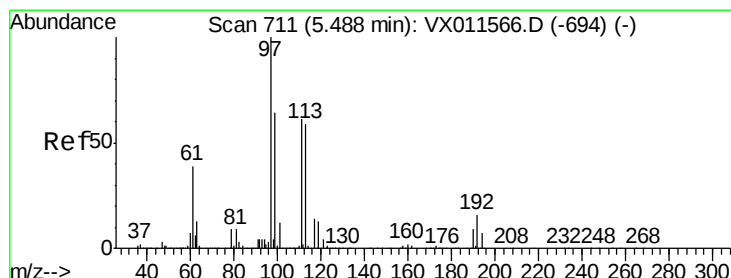
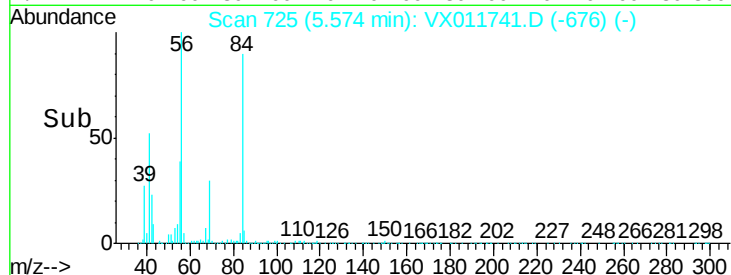
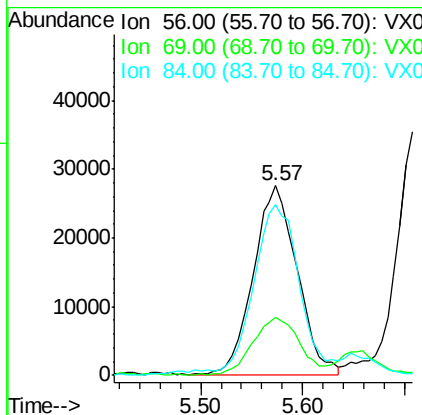
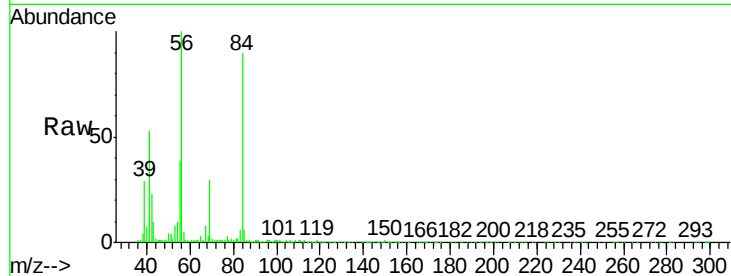
ClientSampleId :

VX0821WBS02

Tot Ion:	56	Resp:	81450
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.8	37.2
84	89.1	67.9	101.9

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#32

1,1,1-Trichloroethane

Concen: 20.710 ug/l

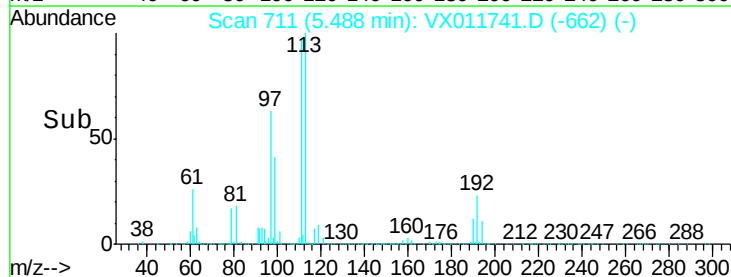
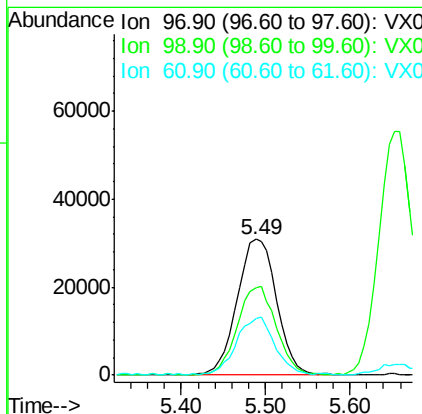
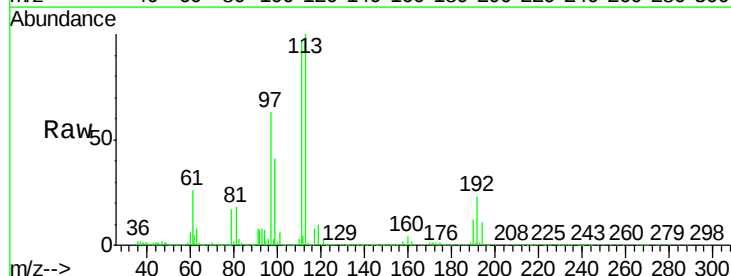
RT: 5.49 min Scan# 711

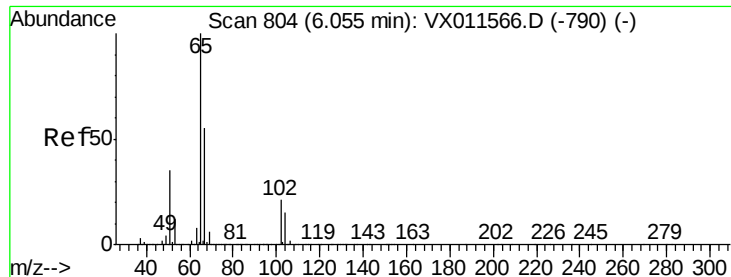
Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:	97	Resp:	97326
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	41.0	31.4	47.2





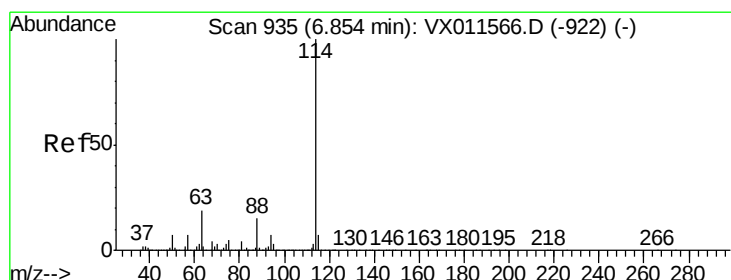
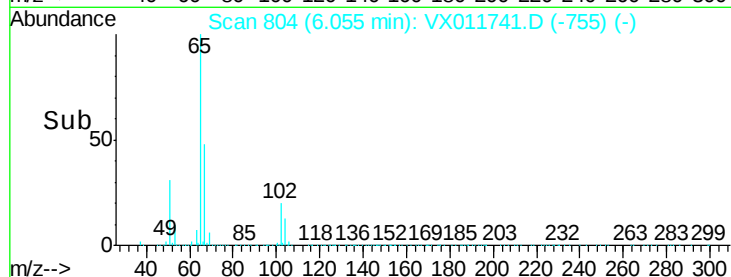
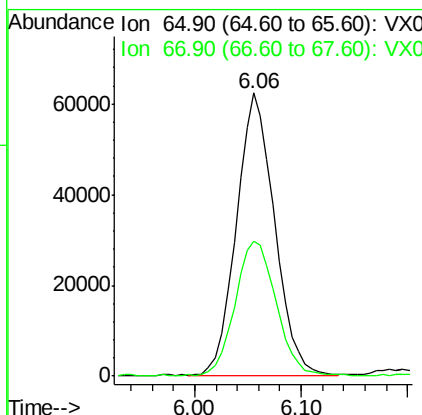
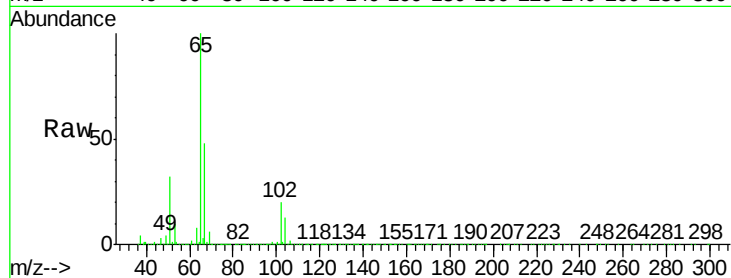
#33
 1,2-Dichloroethane-d4
 Concen: 51.841 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155893		
67	51.5	0.0	107.6	

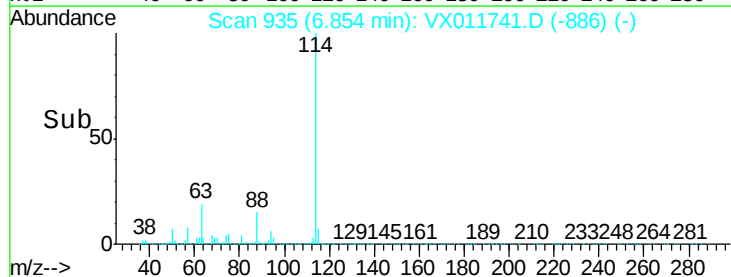
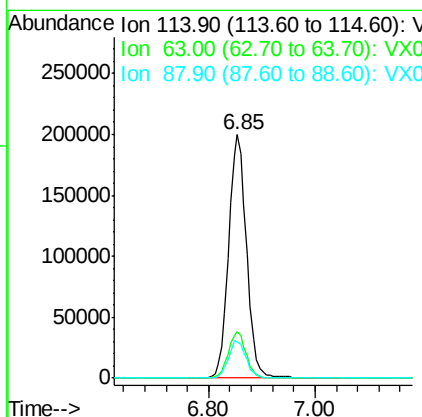
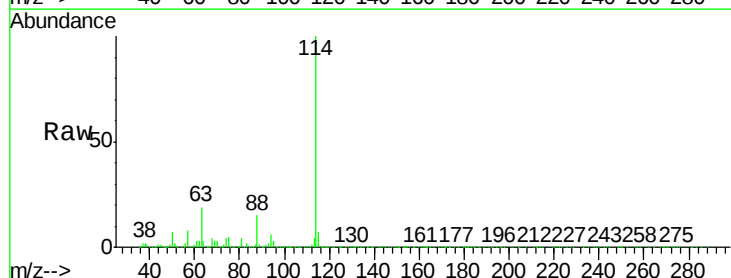
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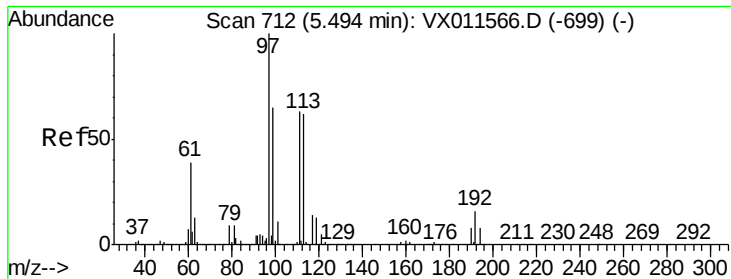
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	470100		
63	18.9	0.0	37.8	
88	14.6	0.0	30.2	





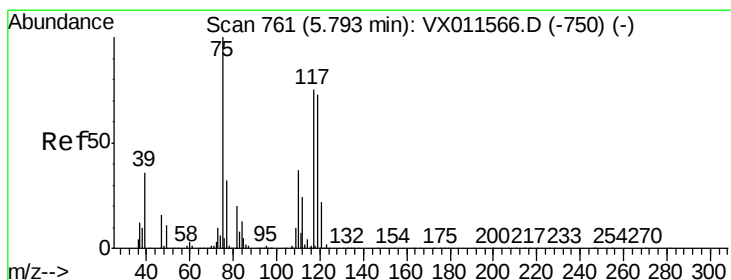
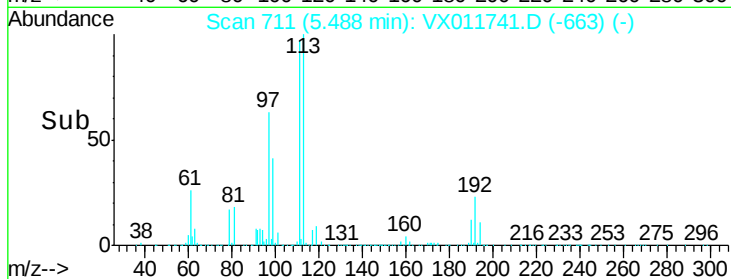
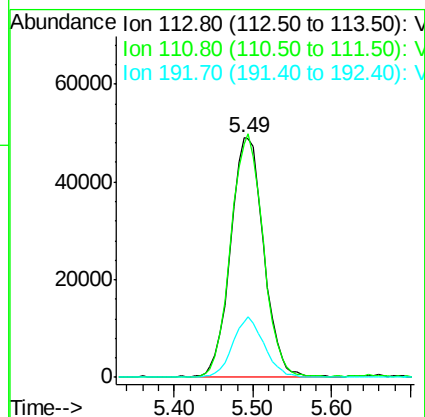
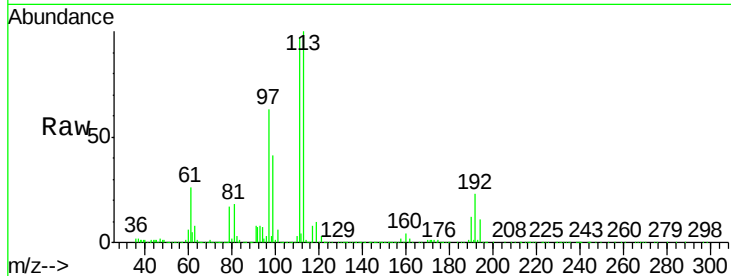
#35
 Dibromofluoromethane
 Concen: 46.747 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143736		
111	99.1	81.1	121.7	
192	23.9	20.8	31.2	

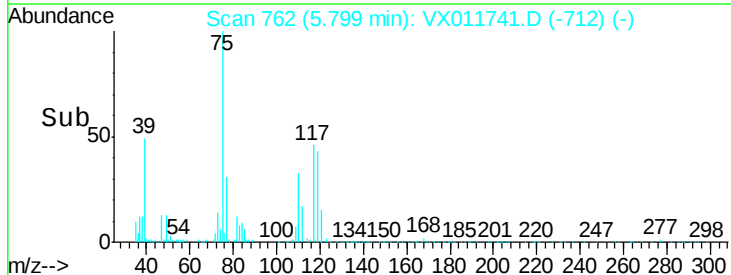
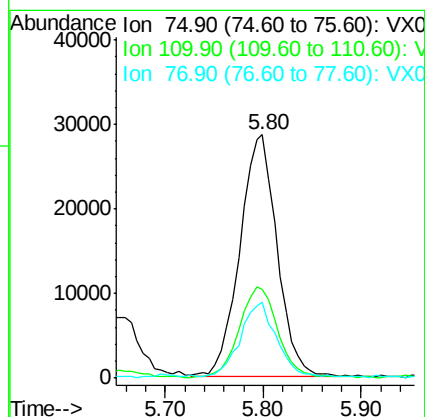
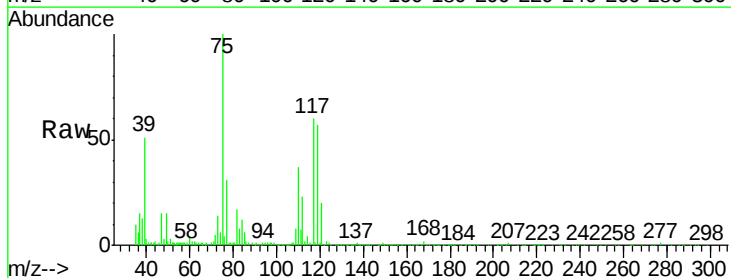
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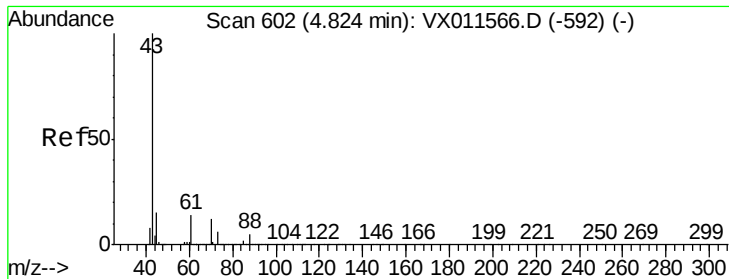
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#36
 1,1-Dichloropropene
 Concen: 18.697 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75148		
110	39.0	19.4	58.1	
77	29.9	25.1	37.7	





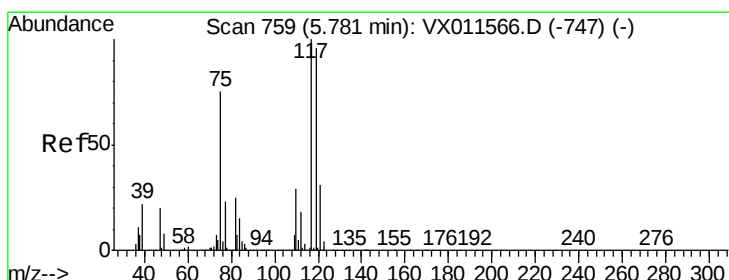
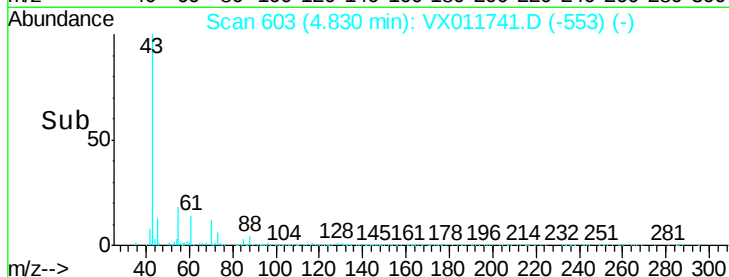
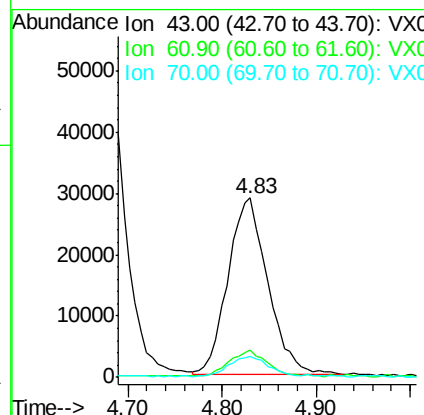
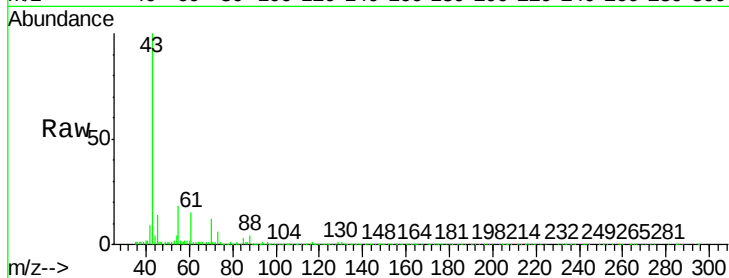
#37
Ethyl Acetate
Concen: 18.347 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.4	17.0
70	12.3	9.0	13.6

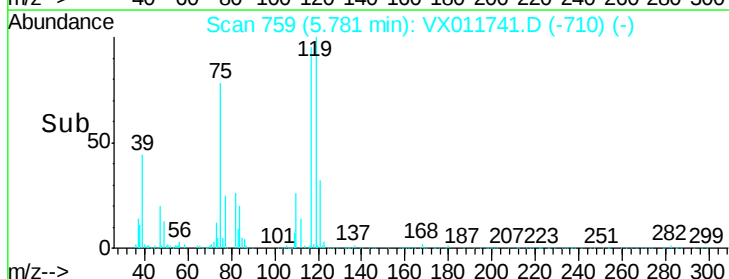
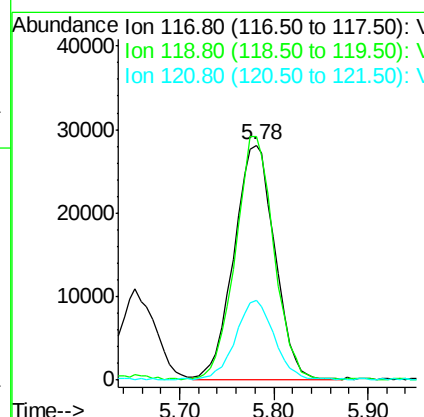
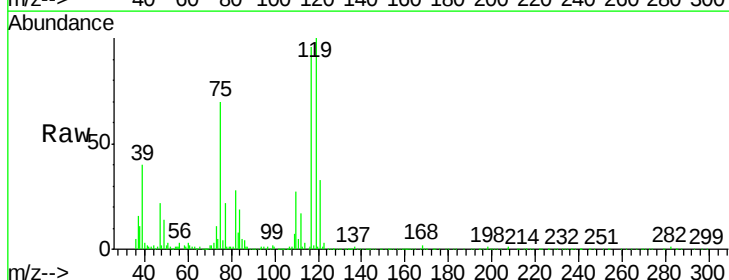
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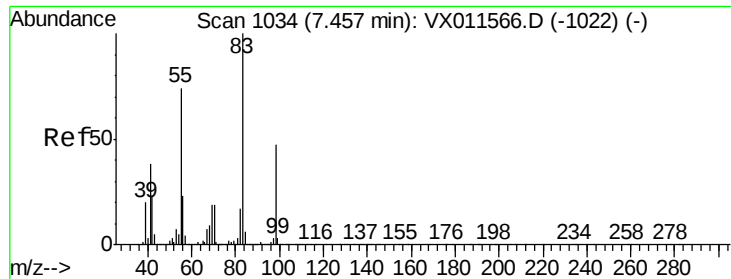
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#38
Carbon Tetrachloride
Concen: 19.151 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.1	76.9	115.3
121	33.7	24.8	37.2





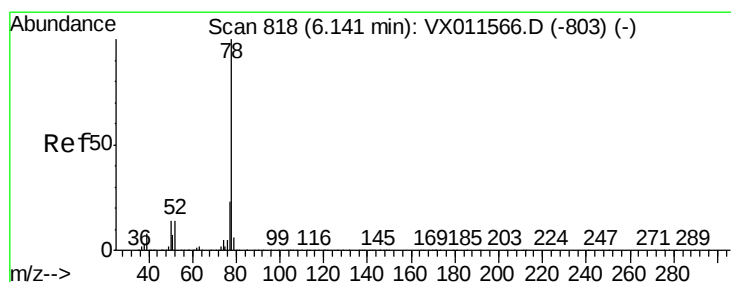
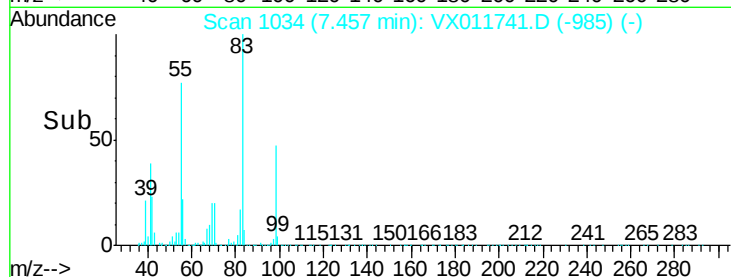
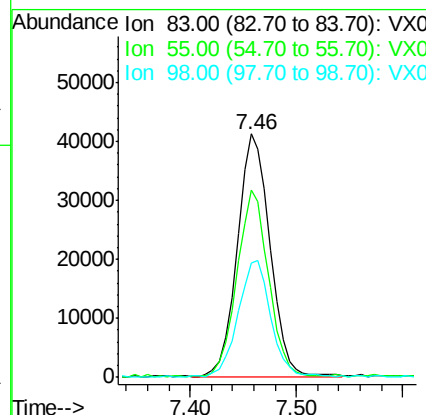
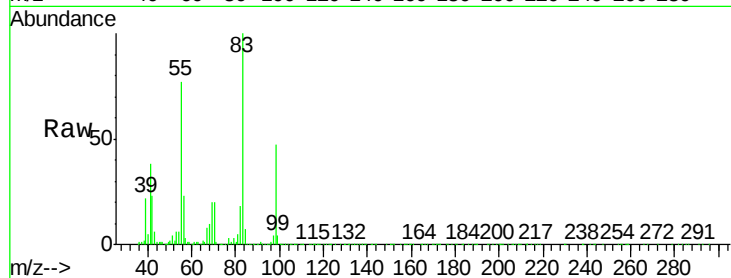
#39
Methvlcvclohexane
Concen: 17.870 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	58.8	88.2
98	46.6	37.8	56.6

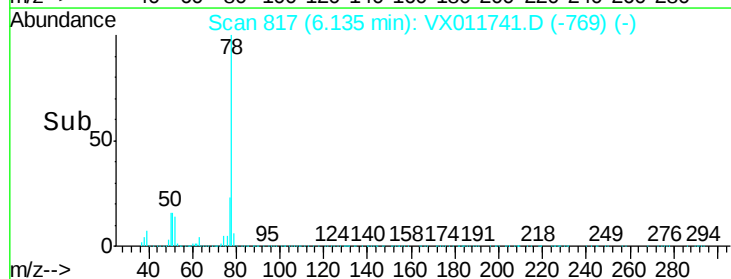
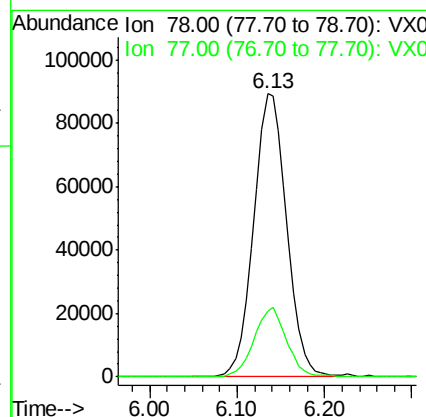
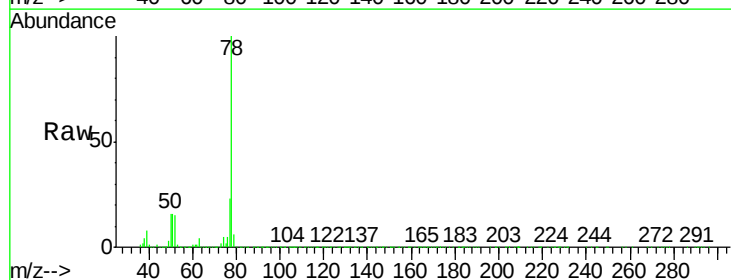
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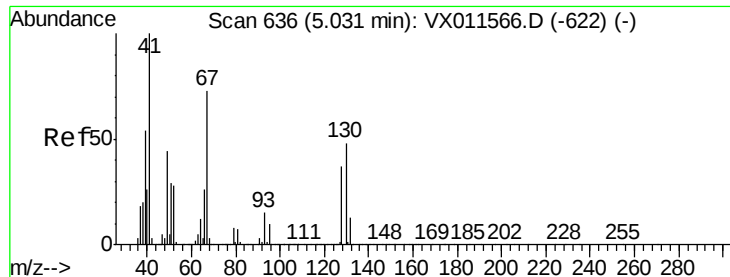
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#40
Benzene
Concen: 18.786 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





#41

Methacrylonitrile

Concen: 19.808 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

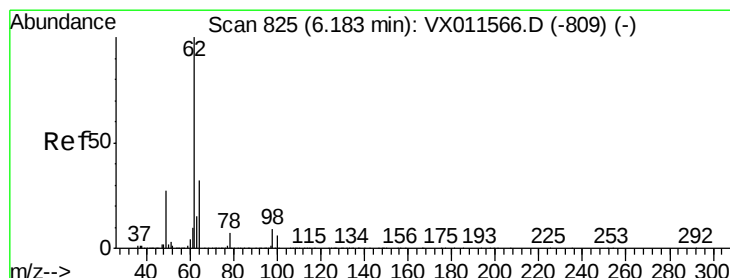
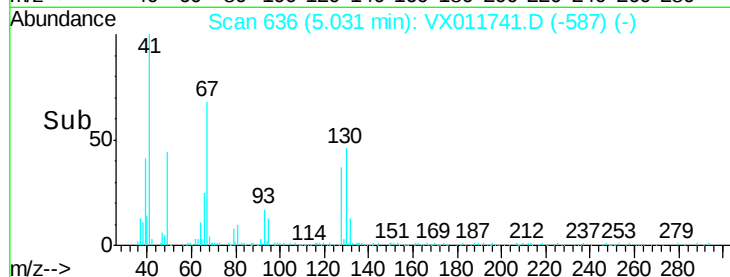
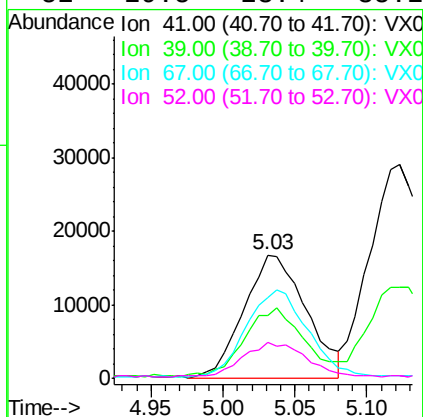
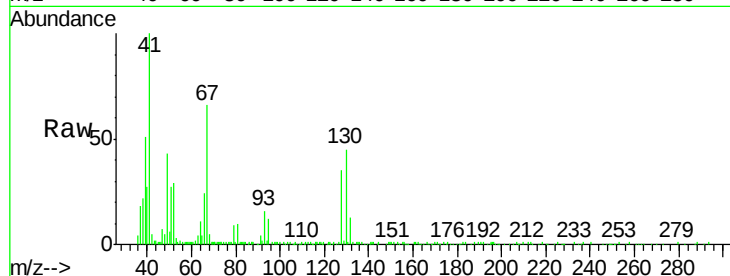
ClientSampleId :

VX0821WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	43.5	65.3	
67	70.6	59.4	89.2	
52	29.5	23.4	35.2	

Manual Integrations
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8/22/2019 10:01:41 AM



#42

1,2-Dichloroethane

Concen: 21.247 ug/l

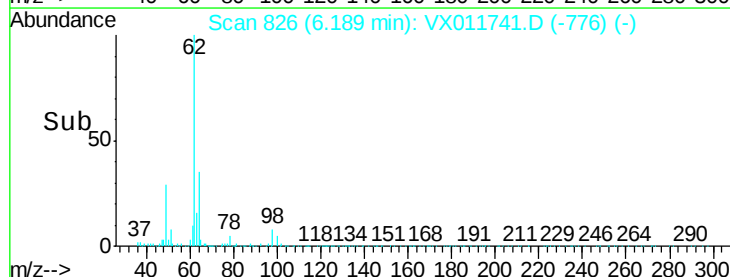
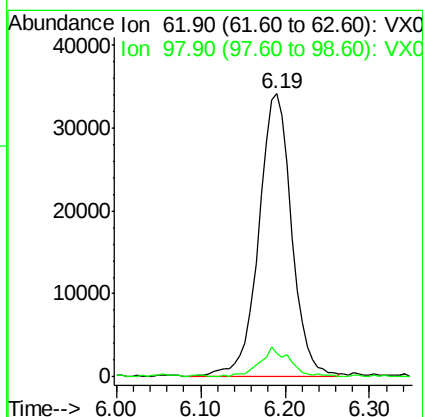
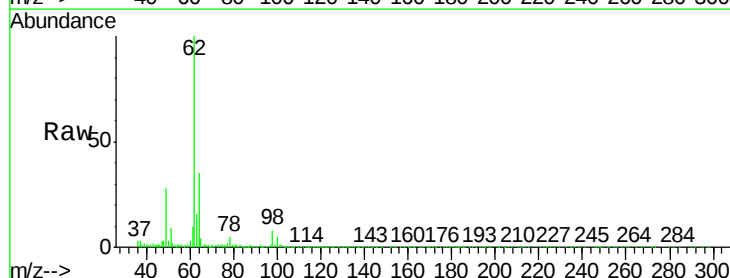
RT: 6.19 min Scan# 826

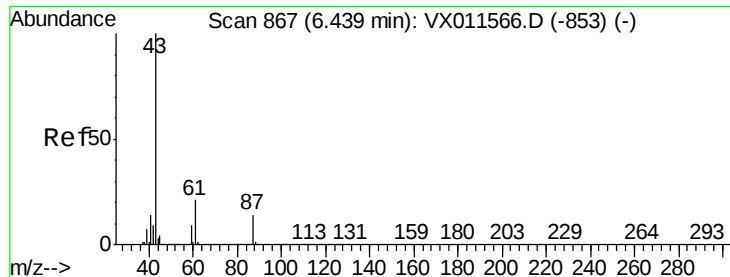
Delta R.T. 0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.4	





#43

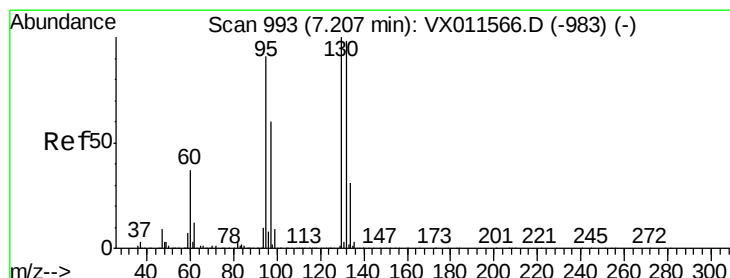
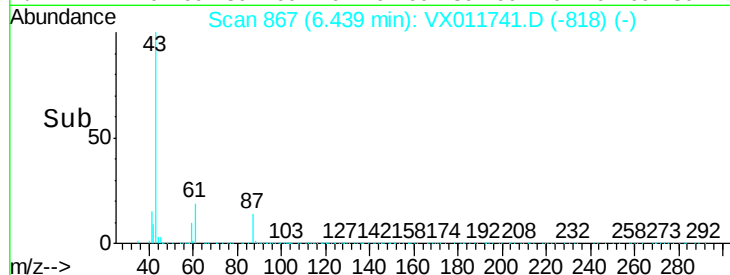
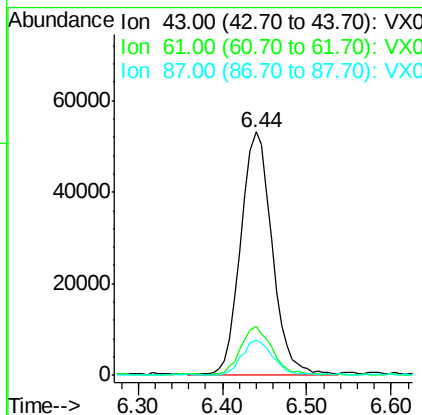
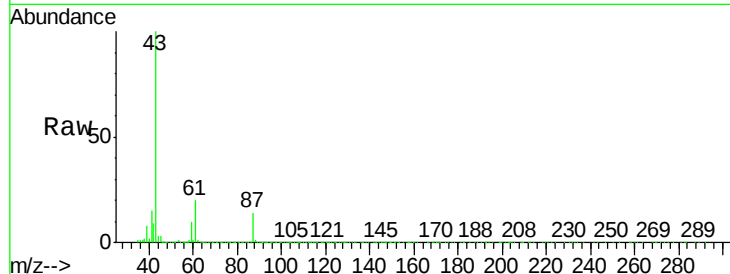
Isopropyl Acetate
 Concen: 18.427 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.6	24.8
87	14.1	11.4	17.2

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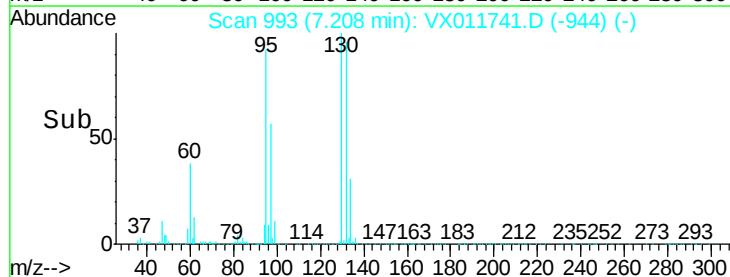
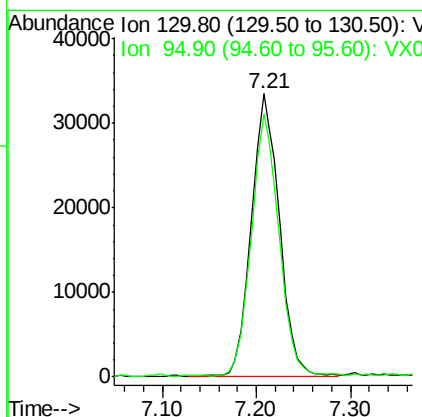
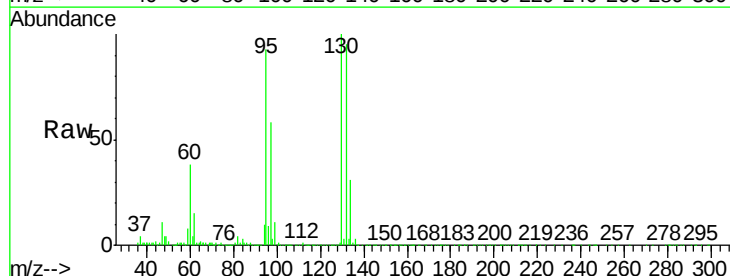
MMDadoda
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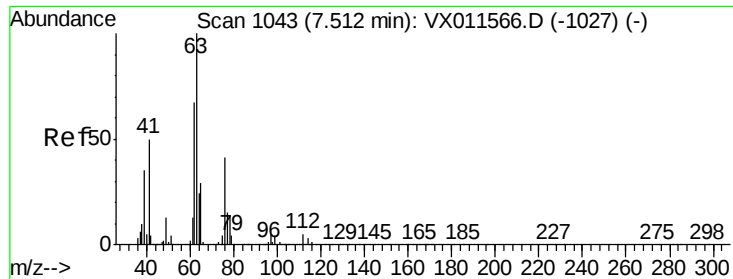


#44

Trichloroethene
 Concen: 18.846 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	181.4





#45

1,2-Dichloropropane

Concen: 20.019 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 63 Resp: 62358

Ion Ratio Lower Upper

63 100

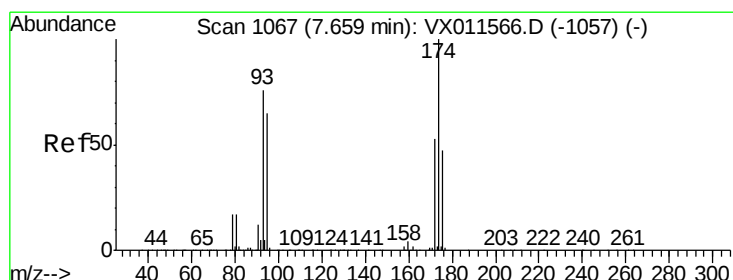
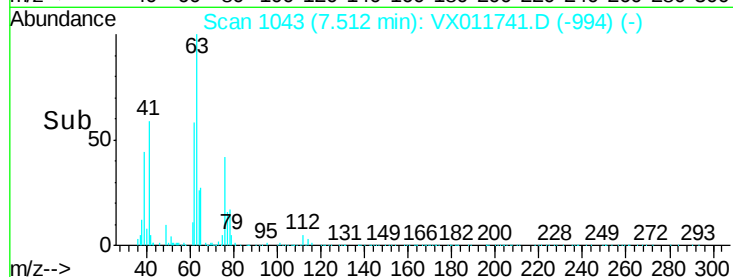
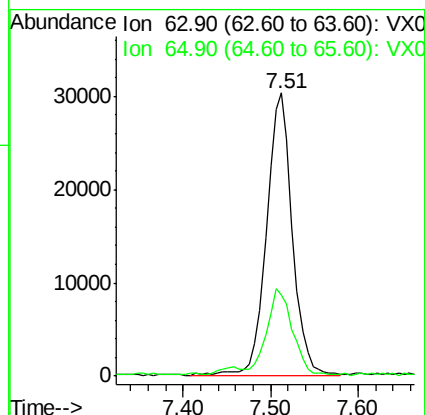
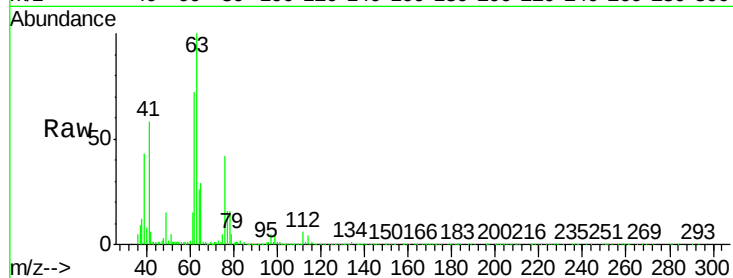
65 28.3 23.4 35.2

Manual Integrations

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#46

Dibromomethane

Concen: 20.162 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

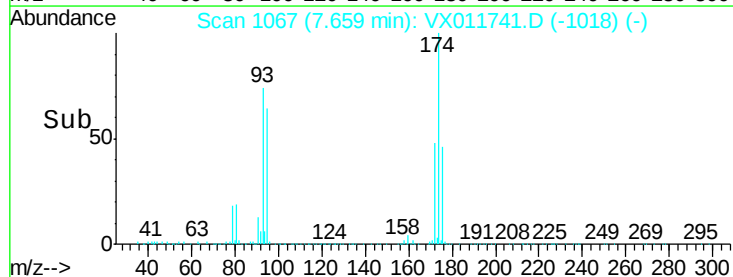
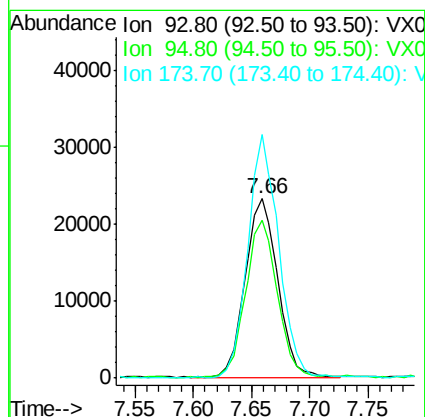
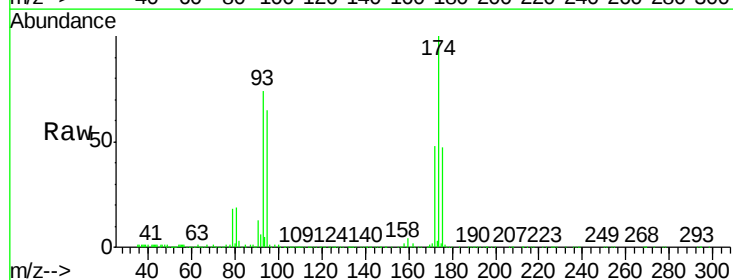
Tgt Ion: 93 Resp: 45639

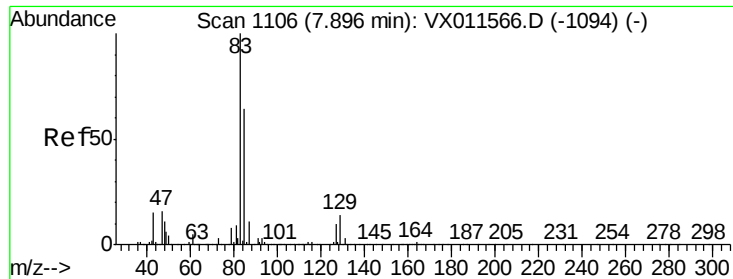
Ion Ratio Lower Upper

93 100

95 85.3 67.2 100.8

174 128.4 105.5 158.3





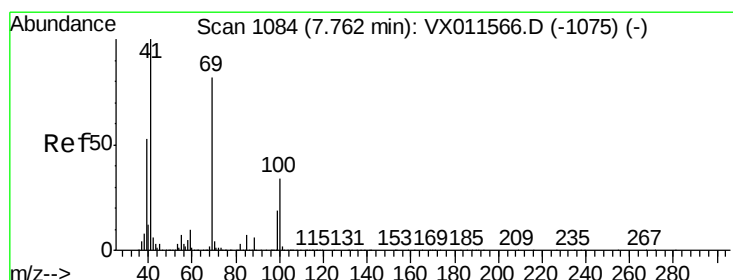
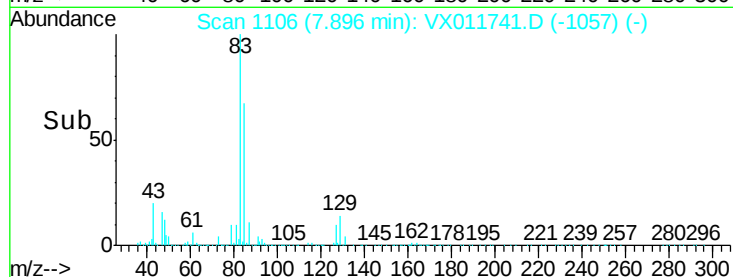
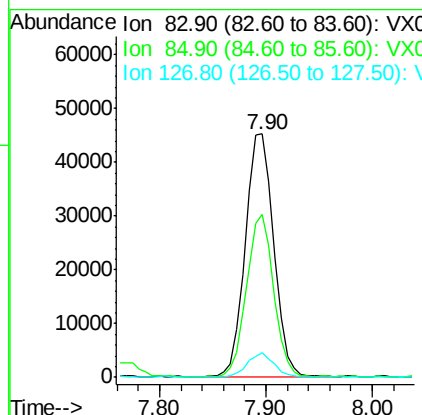
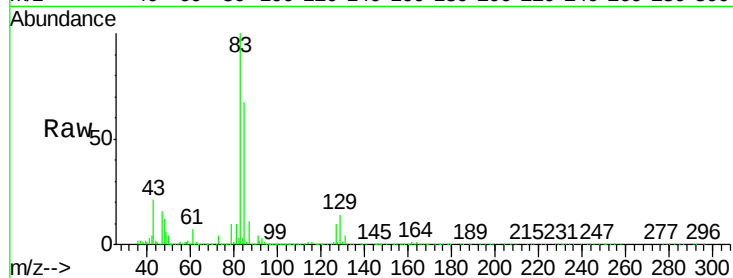
#47
 Bromodichloromethane
 Concen: 20.484 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.2	76.8
127	10.0	8.1	12.1

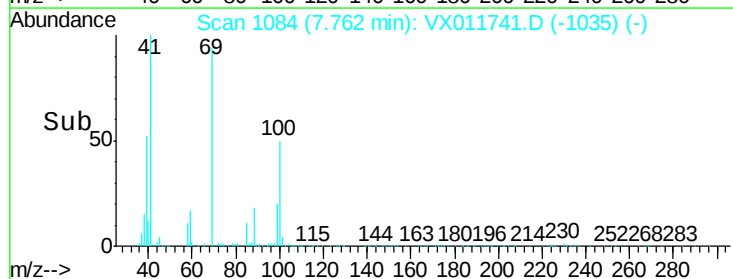
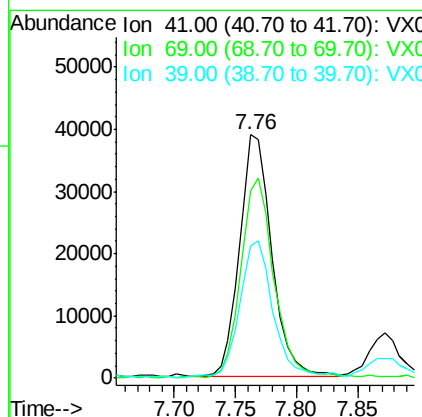
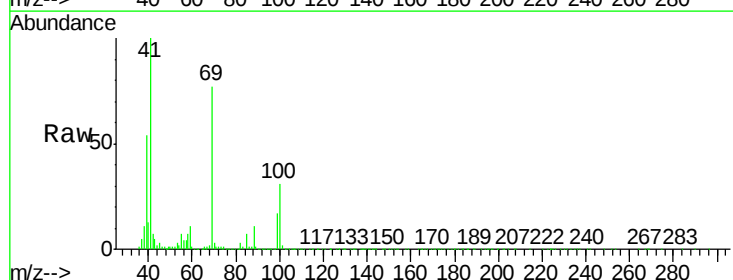
Manual Integrations
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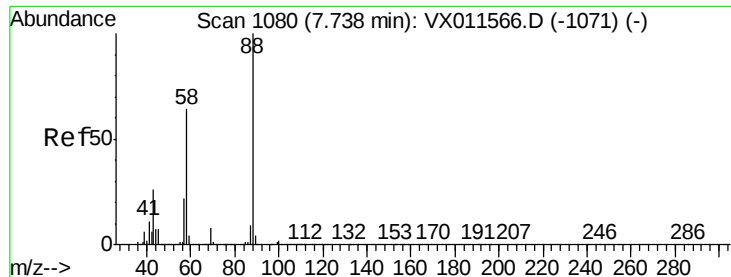
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 8/22/2019 10:01:41 AM



#48
 Methyl methacrylate
 Concen: 19.861 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.3	67.9	101.9
39	60.4	41.6	62.4





#49

1,4-Dioxane

Concen: 408.341 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

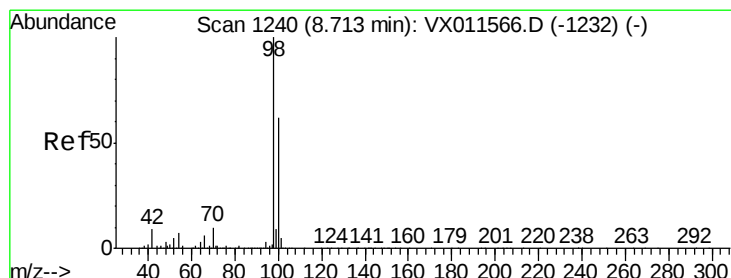
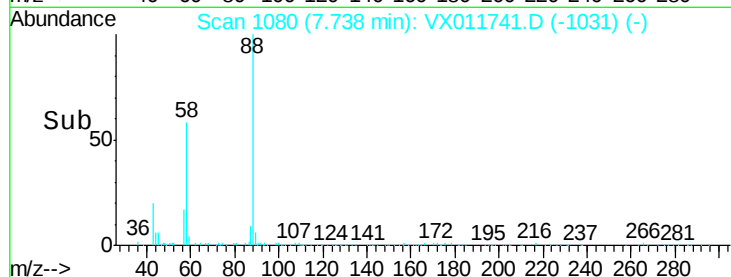
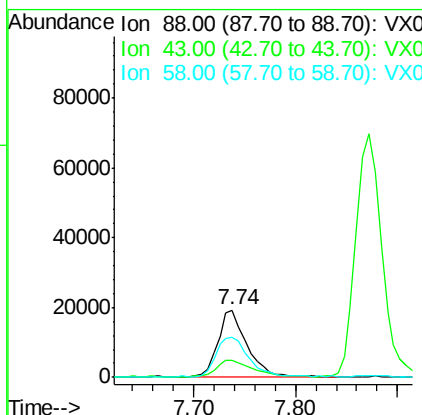
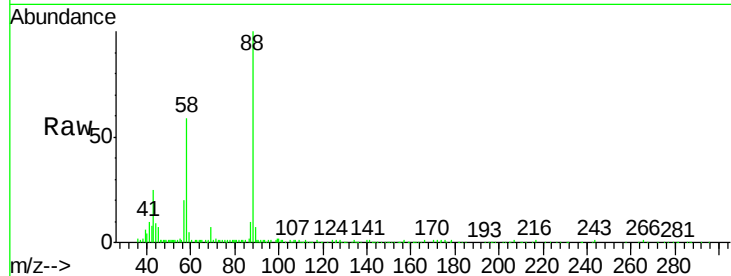
ClientSampleId :

VX0821WBS02

Tot Ion:	88	Resp:	38804
Ion	Ratio	Lower	Upper
88	100		
43	30.8	23.4	35.0
58	65.0	54.3	81.5

Manual Integrations
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#50

Toluene-d8

Concen: 50.734 ug/l

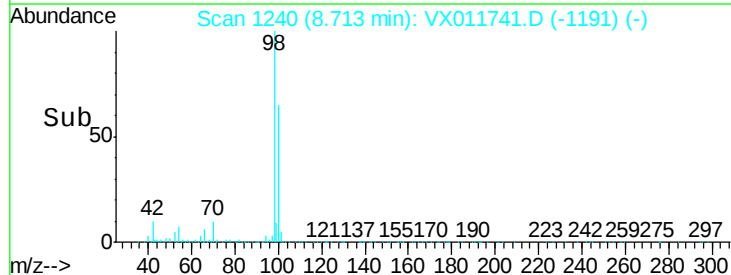
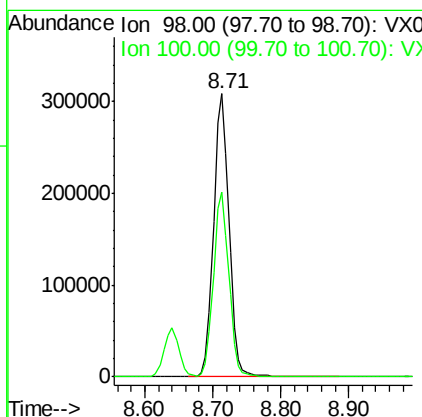
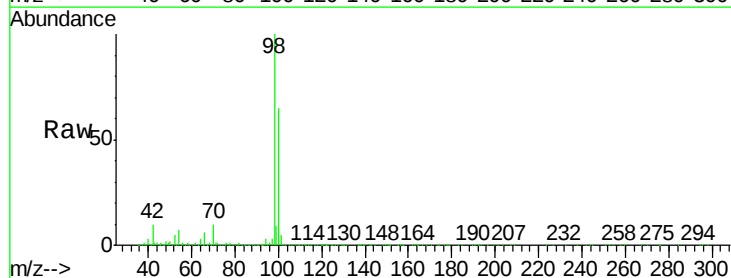
RT: 8.71 min Scan# 1240

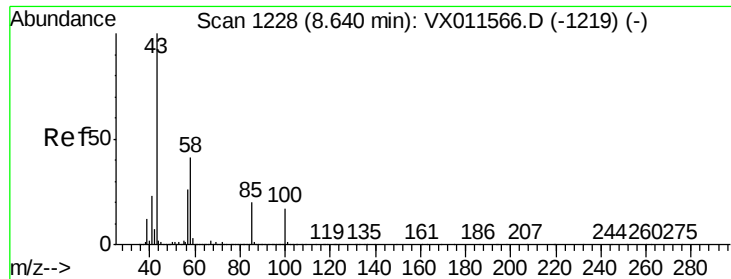
Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:	98	Resp:	486057
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6





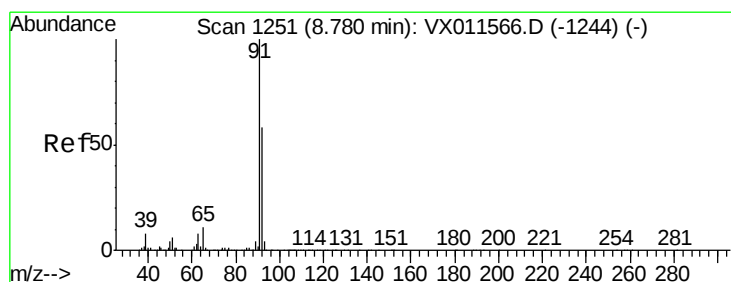
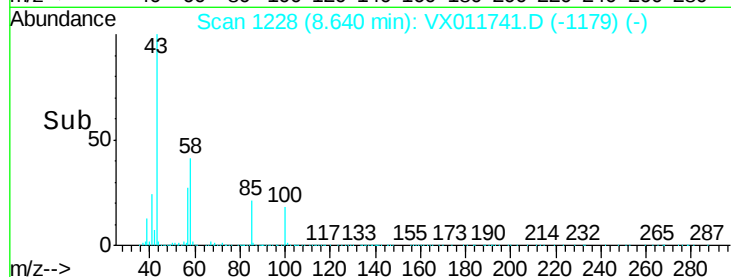
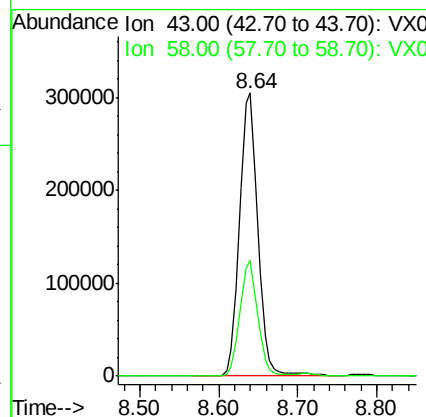
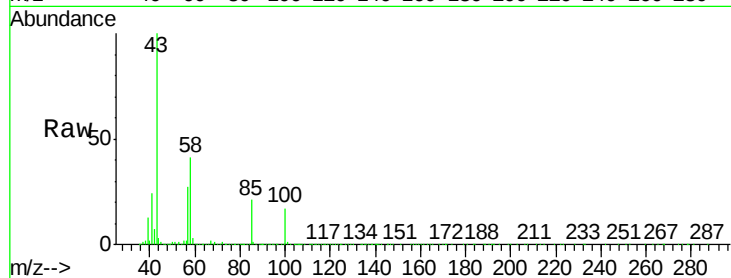
#51
4-Methyl-2-Pentanone
Concen: 104.819 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.8	47.6

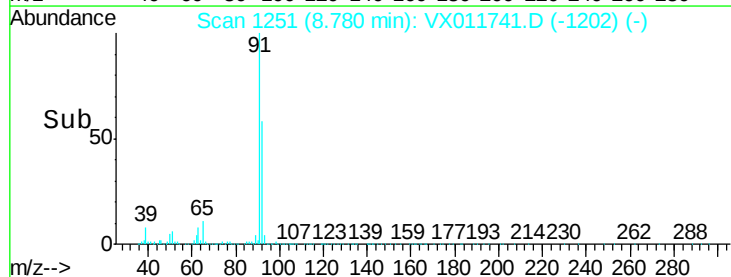
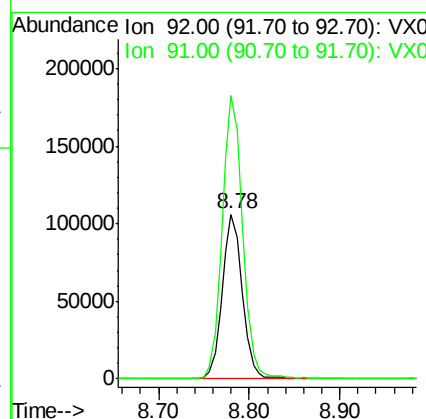
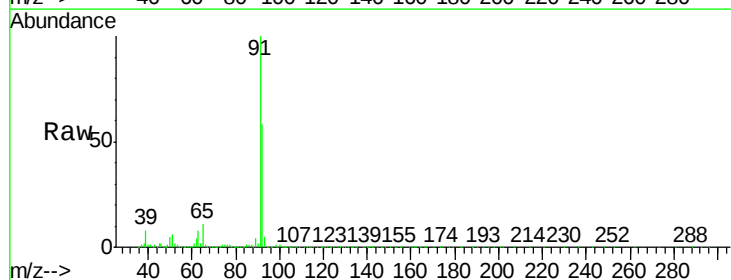
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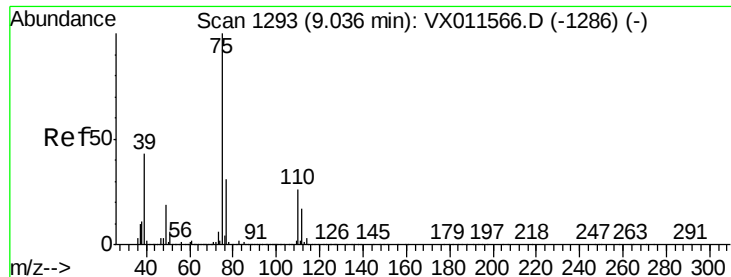
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#52
Toluene
Concen: 20.601 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.6	138.0	207.0





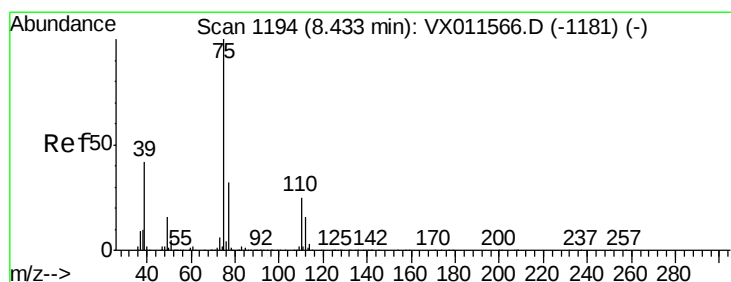
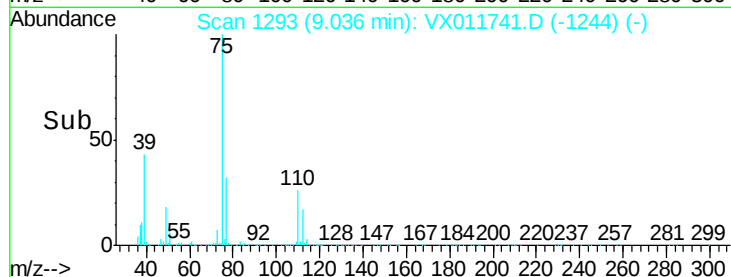
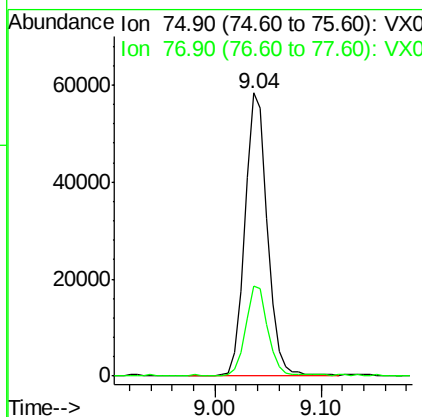
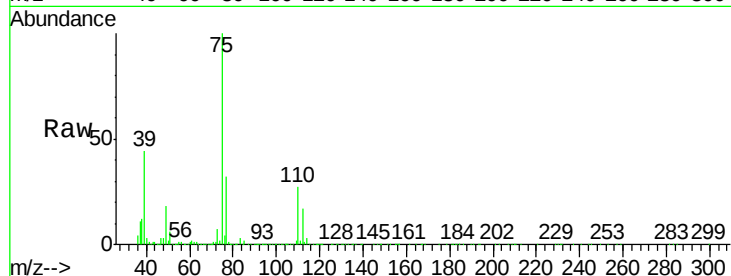
#53
t-1,3-Dichloropropene
Concen: 19.908 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion: 75 Resp: 85874
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

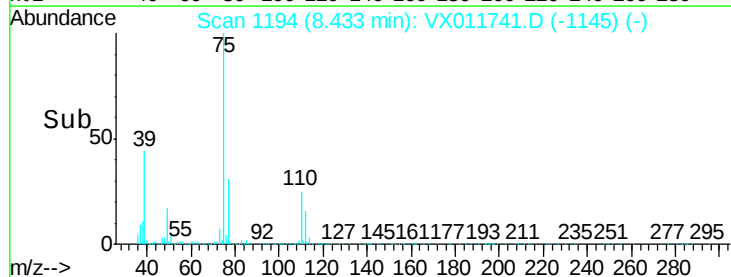
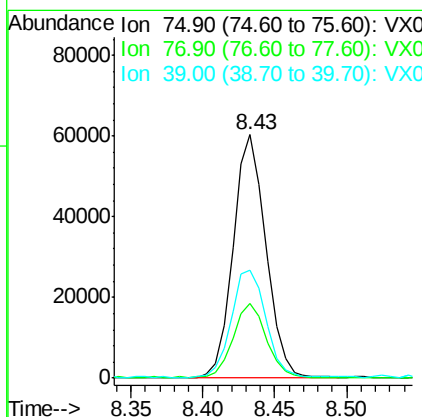
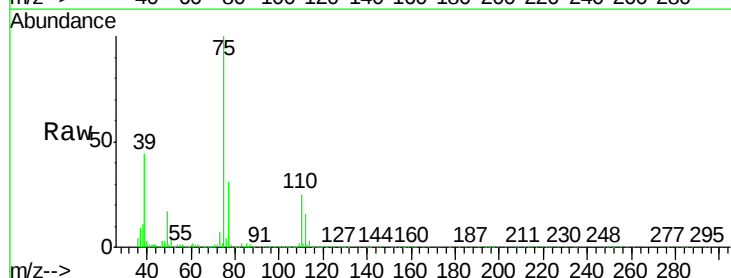
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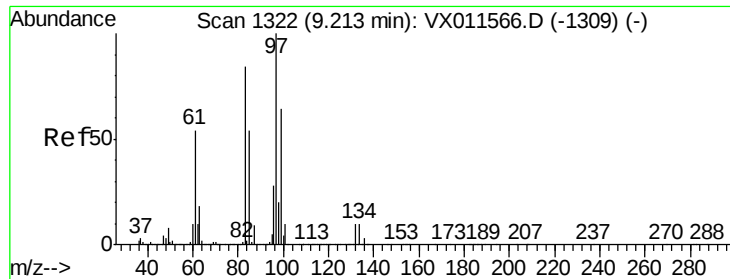
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#54
cis-1,3-Dichloropropene
Concen: 20.197 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 75 Resp: 95344
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3
39 44.0 33.6 50.4





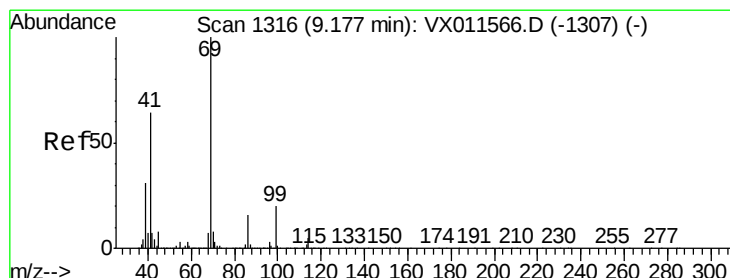
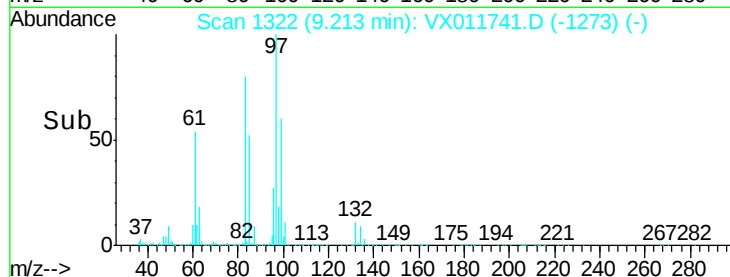
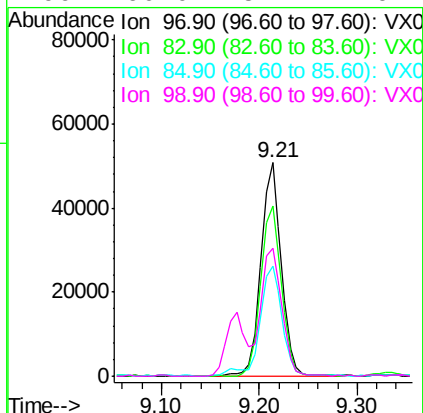
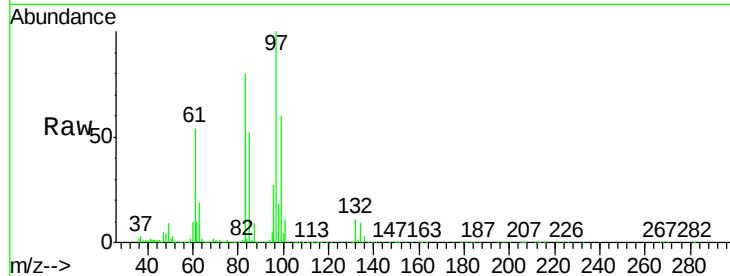
#55
1,1,2-Trichloroethane
Concen: 21.670 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.4	101.0
85	51.3	43.4	65.2
99	60.0	51.1	76.7

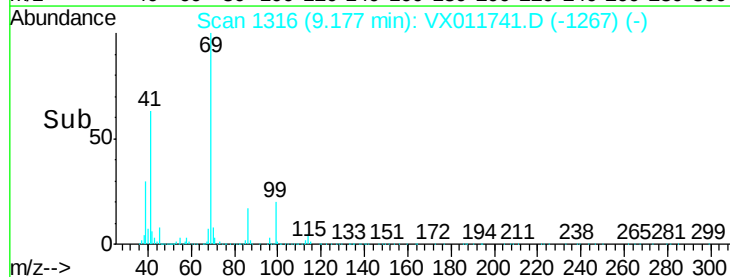
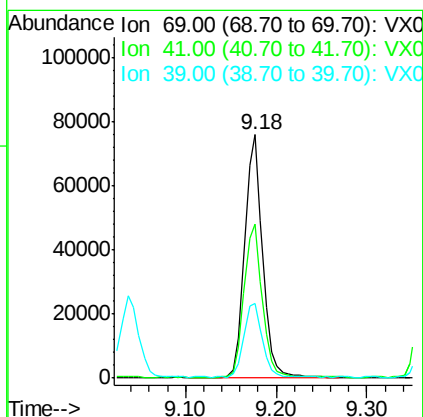
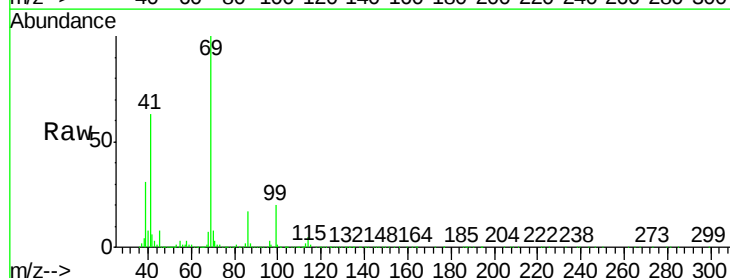
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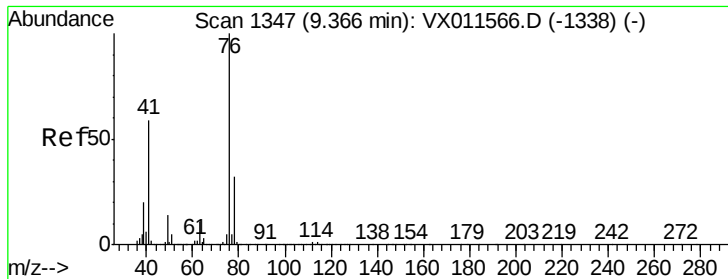
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#56
Ethyl methacrylate
Concen: 21.100 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.1	78.1
39	31.1	25.4	38.0





#57

1,3-Dichloropropane

Concen: 21.340 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 76 Resp: 114787

Ion Ratio Lower Upper

76 100

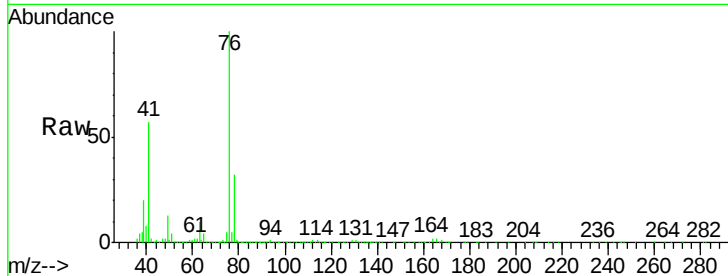
78 32.0 26.2 39.4

Manual Integrations

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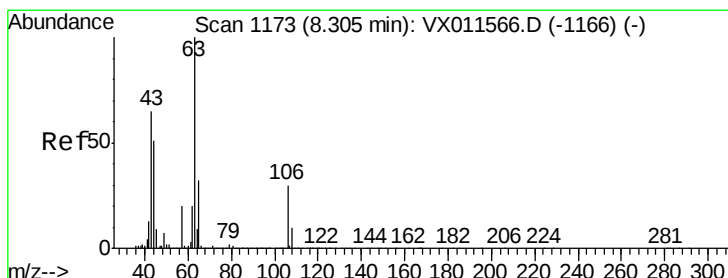
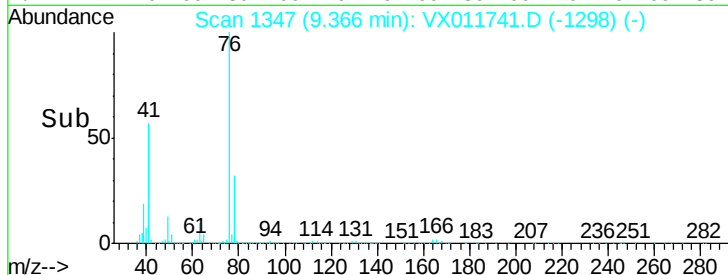
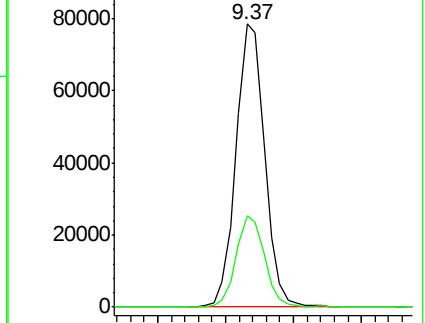
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.552 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011741.D

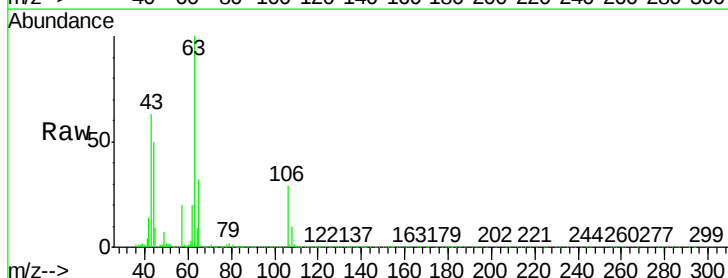
Acq: 21 Aug 2019 19:49

Tgt Ion: 63 Resp: 251313

Ion Ratio Lower Upper

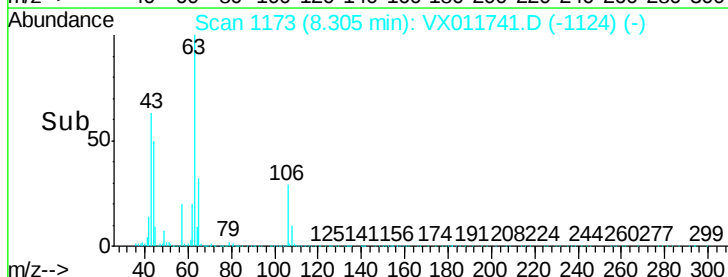
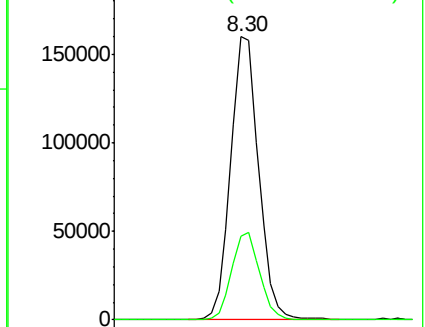
63 100

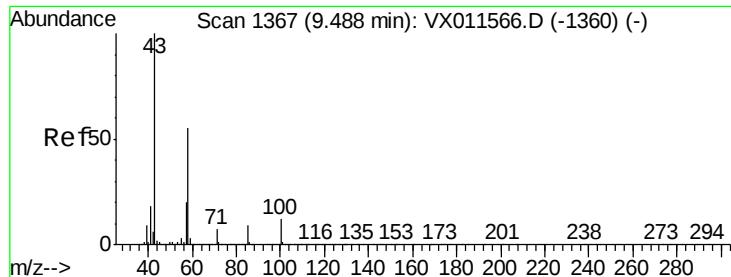
106 31.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





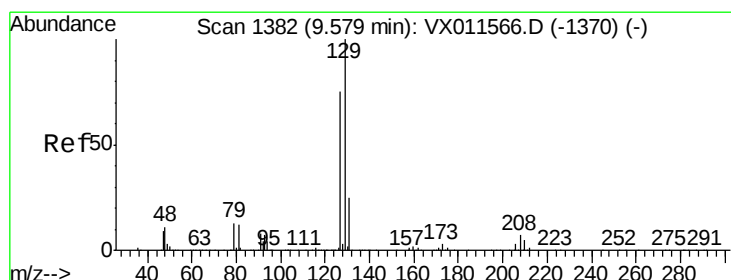
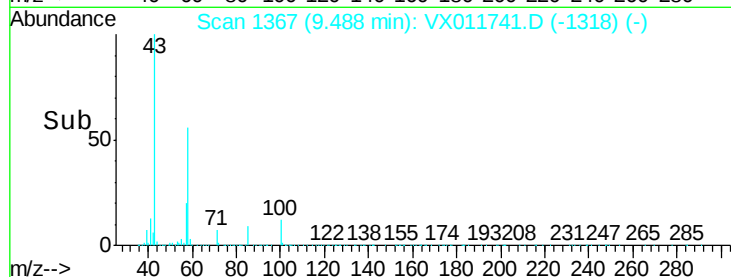
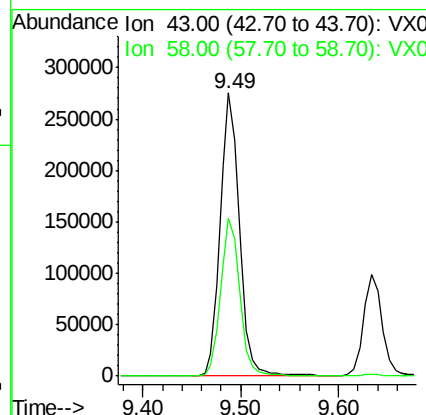
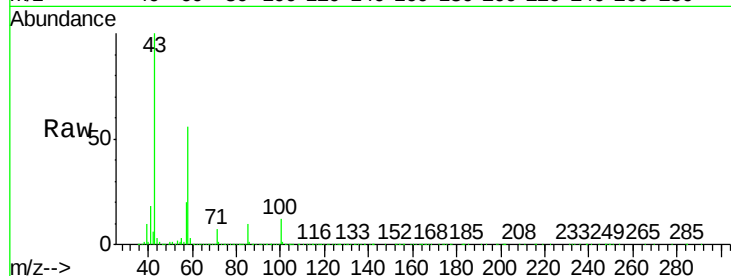
#59
2-Hexanone
Concen: 103.323 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion: 43 Resp: 376265
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.4

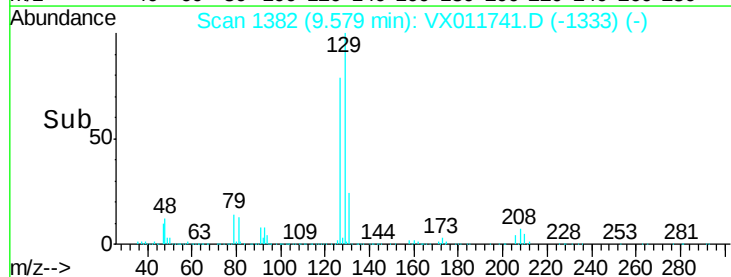
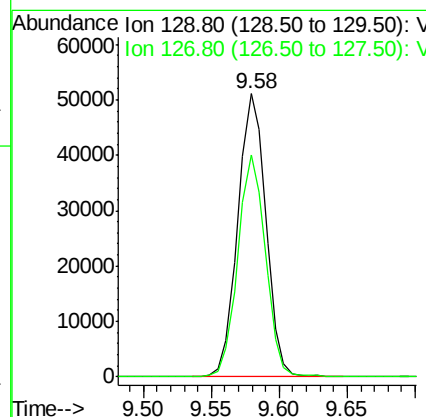
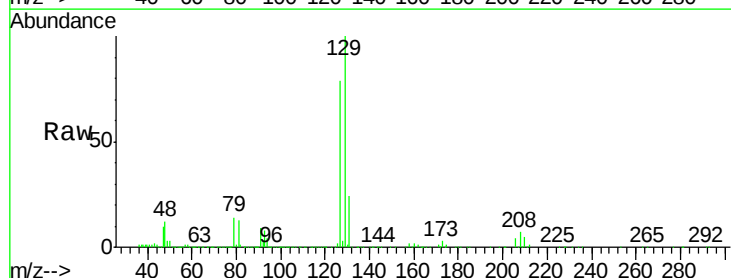
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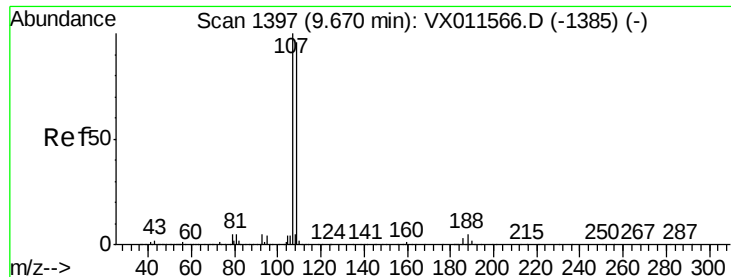
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8/22/2019 10:01:41 AM



#60
Dibromochloromethane
Concen: 20.886 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 129 Resp: 73637
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 21.306 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion:107 Resp: 76944

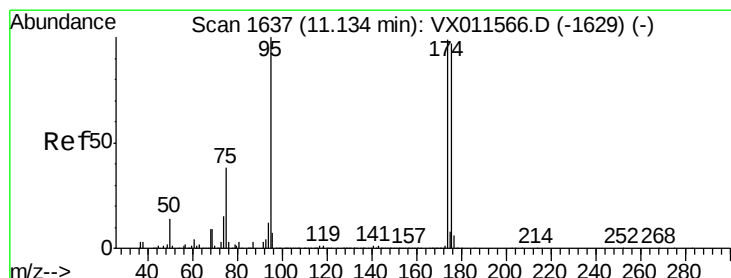
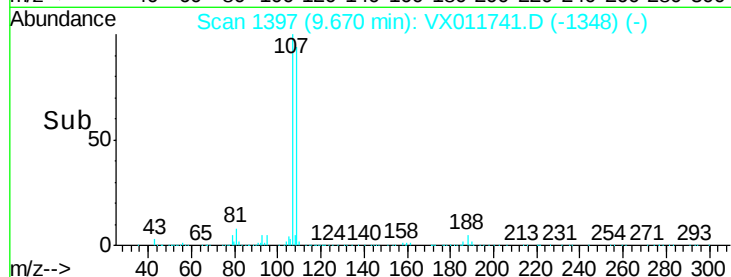
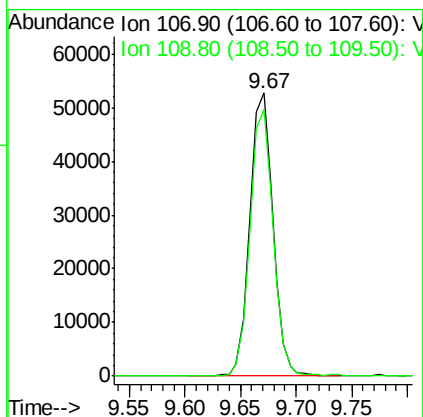
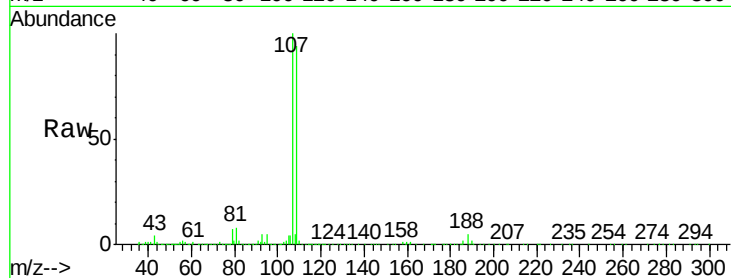
Ion Ratio Lower Upper

107 100

109 94.0 76.2 114.2

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#62

4-Bromofluorobenzene

Concen: 49.737 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

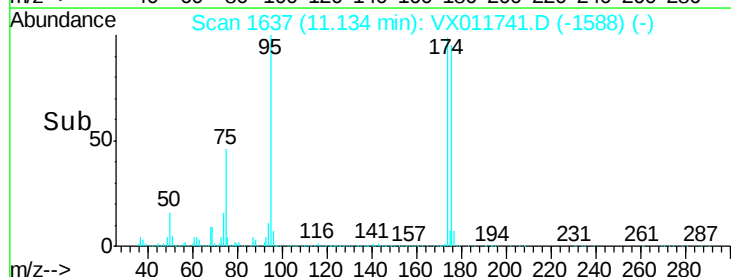
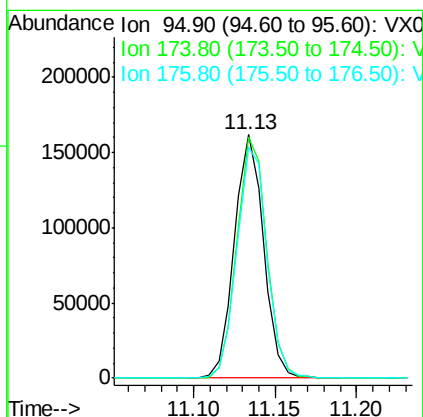
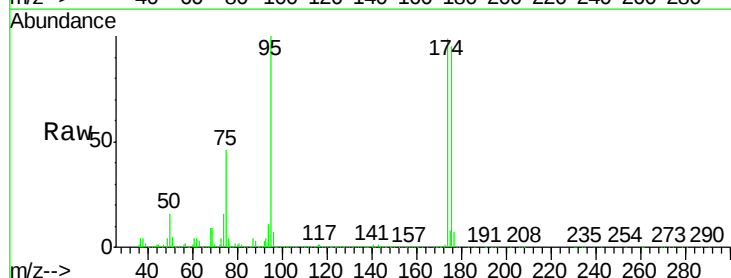
Tgt Ion: 95 Resp: 201128

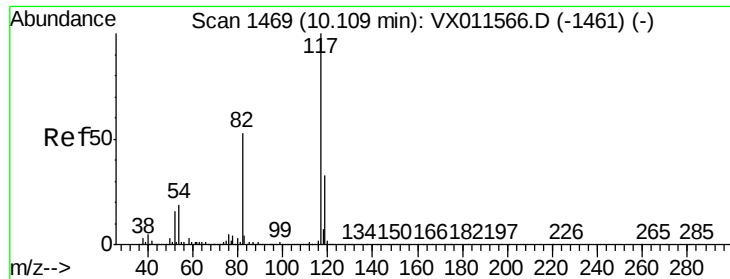
Ion Ratio Lower Upper

95 100

174 101.4 0.0 200.6

176 98.4 0.0 196.6





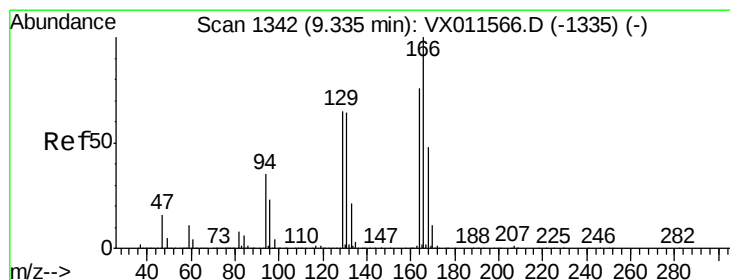
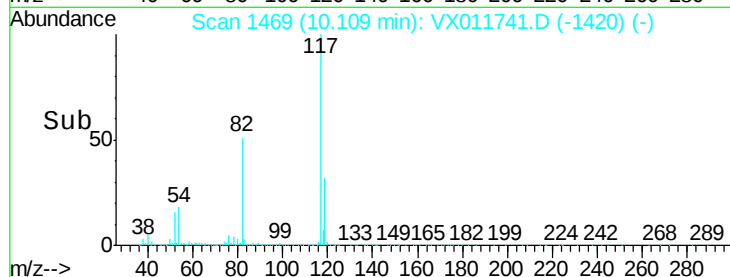
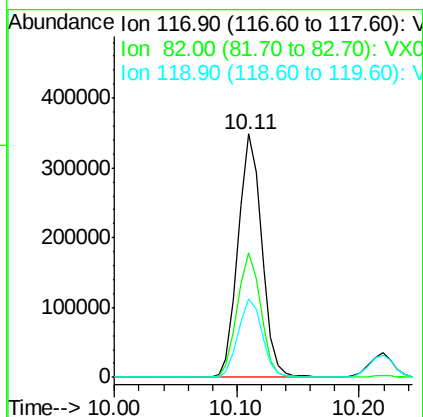
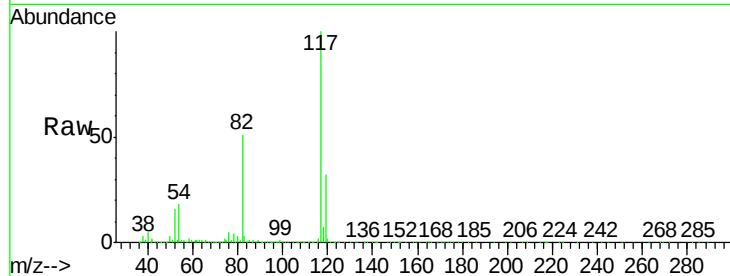
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	467062		
82	51.2	42.0	63.0	
119	32.3	26.5	39.7	

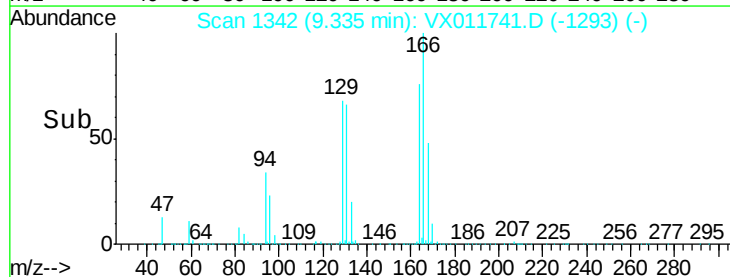
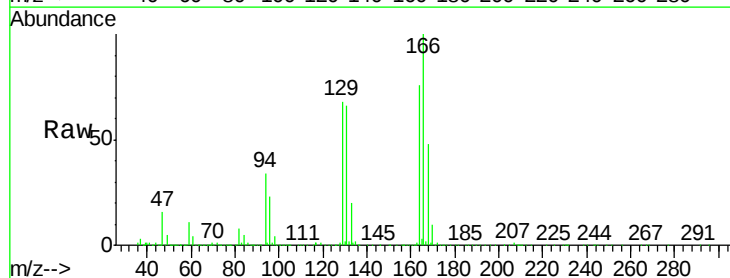
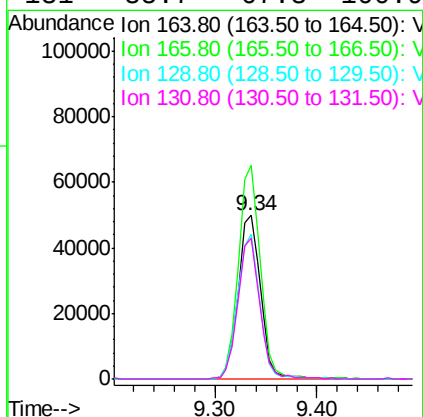
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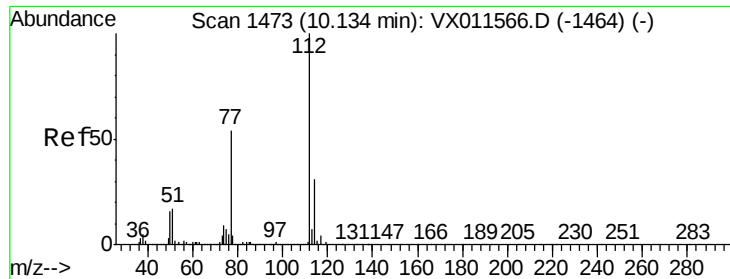
MMDadoda
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#64
Tetrachloroethene
Concen: 19.788 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75831		
166	130.7	104.7	157.1	
129	88.3	68.2	102.4	
131	85.7	67.3	100.9	





#65

Chlorobenzene

Concen: 19.017 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion:112 Resp: 189447

Ion Ratio Lower Upper

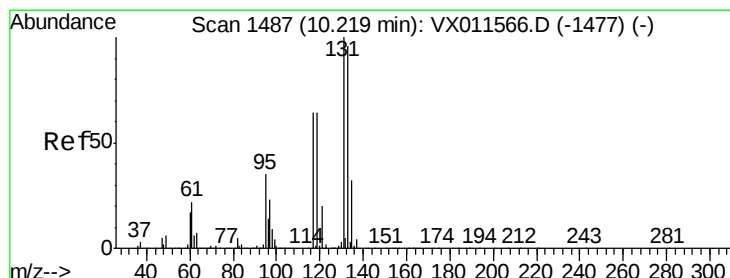
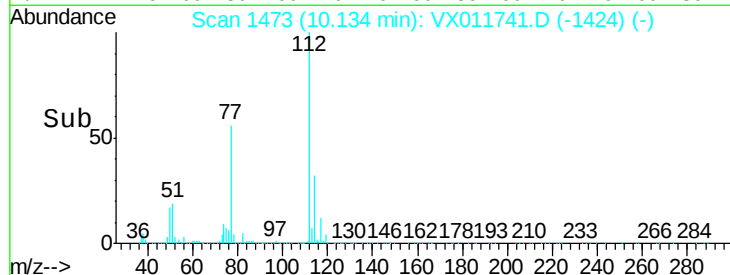
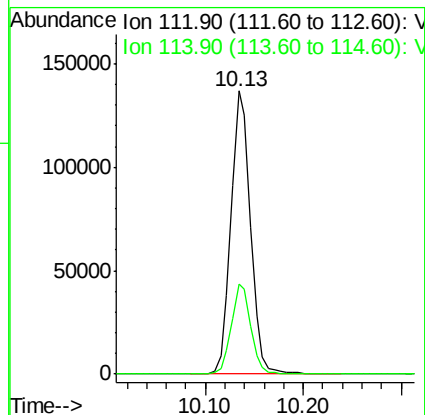
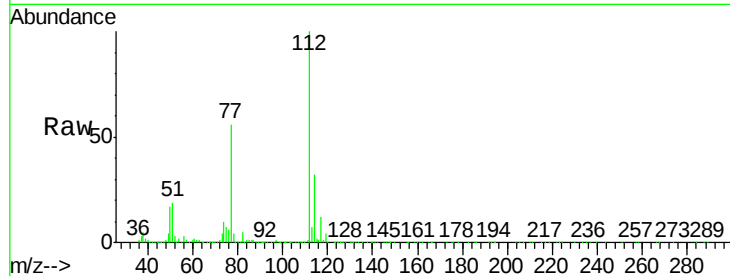
112 100

114 32.0 25.0 37.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.966 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

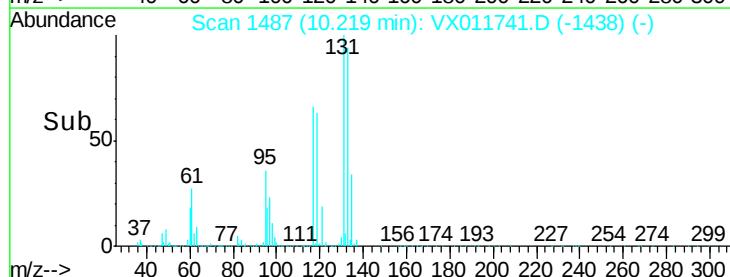
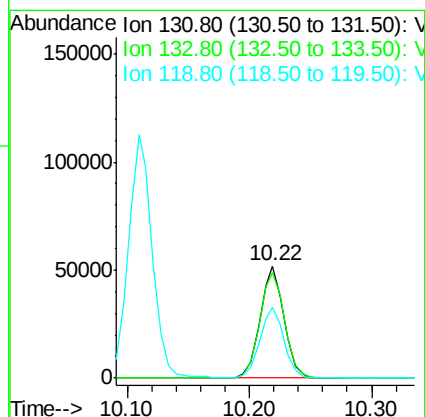
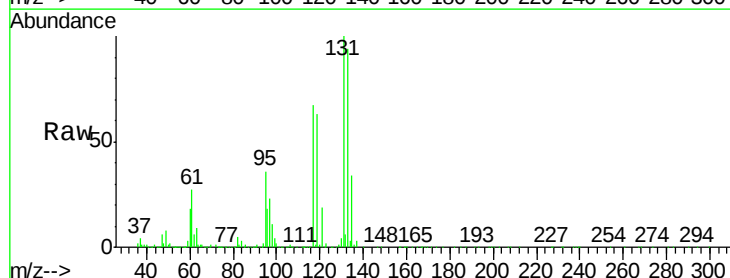
Tgt Ion:131 Resp: 70618

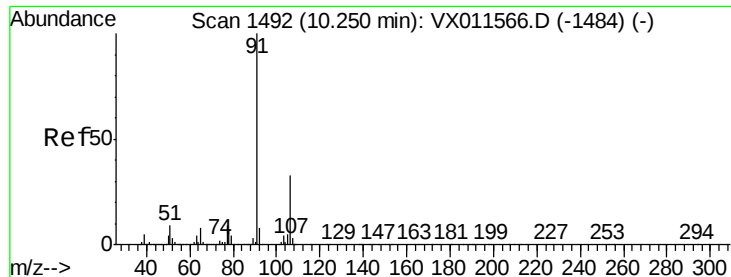
Ion Ratio Lower Upper

131 100

133 97.8 48.1 144.4

119 63.5 31.3 93.8





#67

Ethyl Benzene

Concen: 19.003 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 91 Resp: 315944

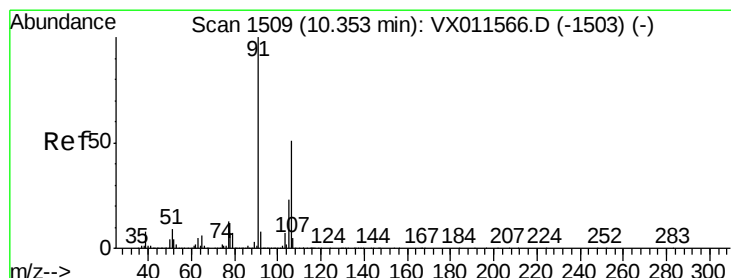
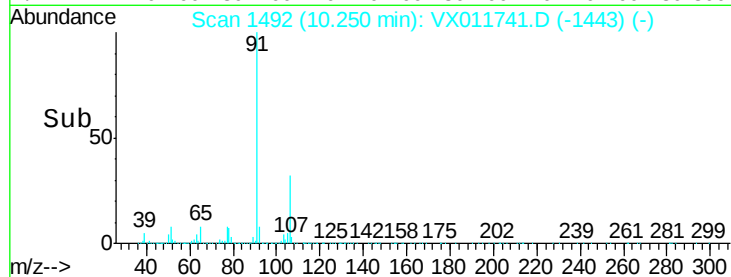
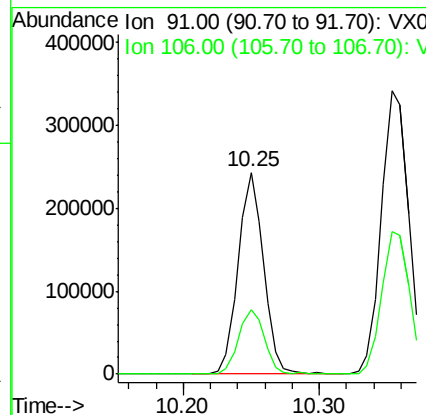
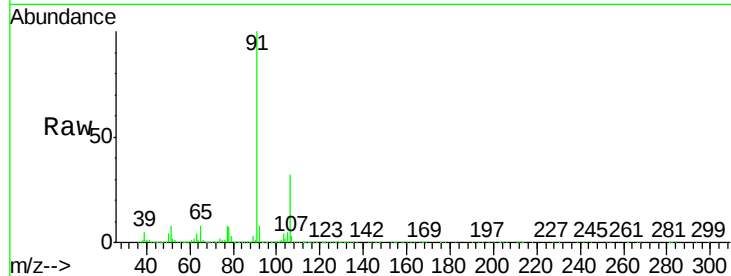
Ion Ratio Lower Upper

91 100

106 31.7 26.0 39.0

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#68

m/p-Xylenes

Concen: 38.588 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011741.D

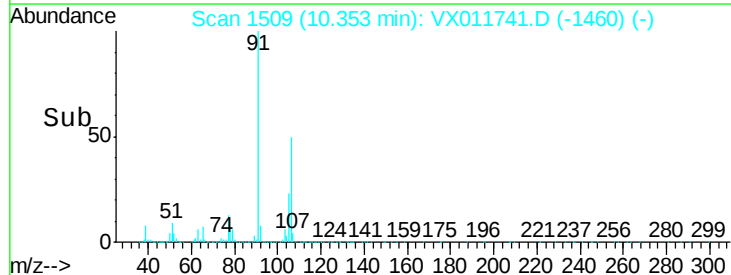
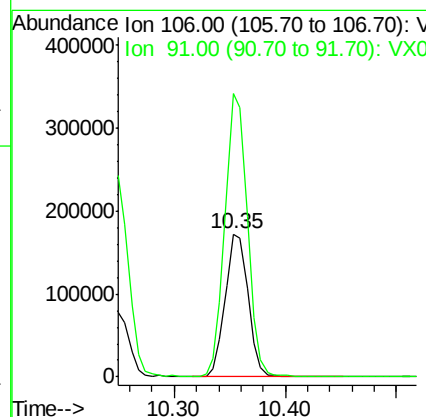
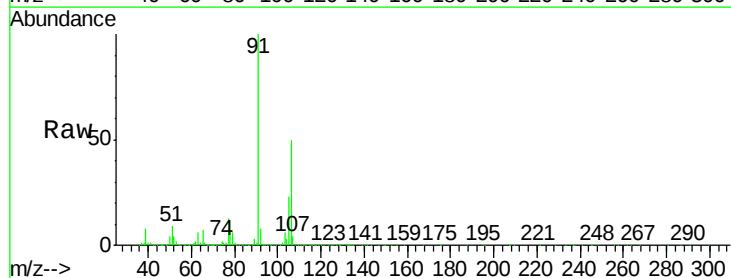
Acq: 21 Aug 2019 19:49

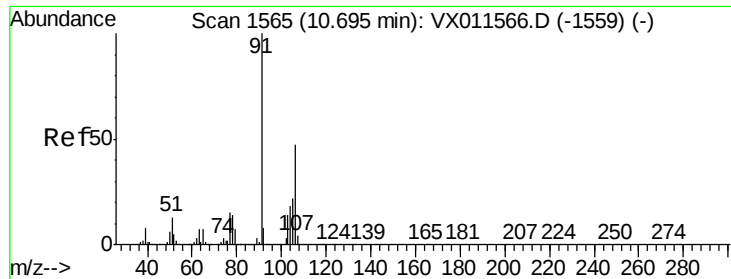
Tgt Ion: 106 Resp: 246261

Ion Ratio Lower Upper

106 100

91 194.5 156.0 234.0





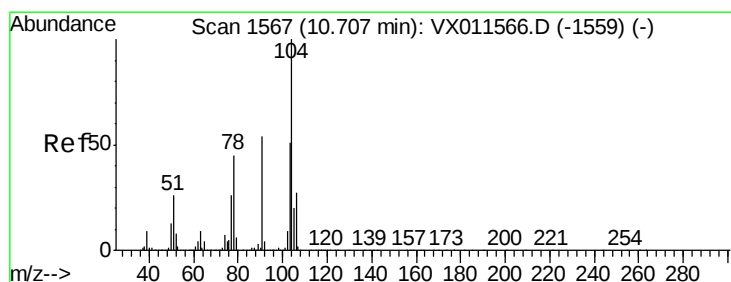
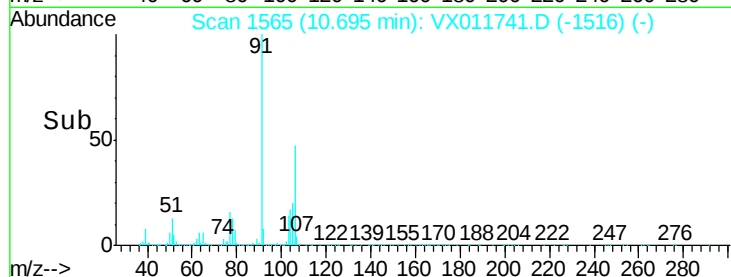
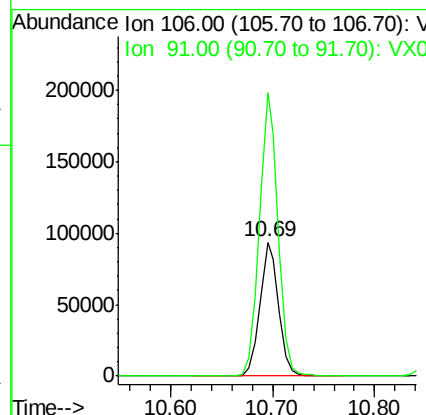
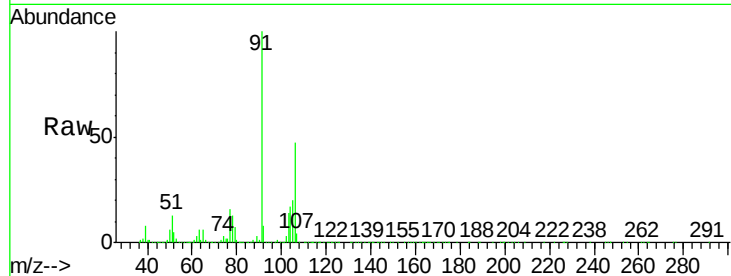
#69
o-Xylene
Concen: 19.184 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	119923		
91	211.6	105.5	316.4	

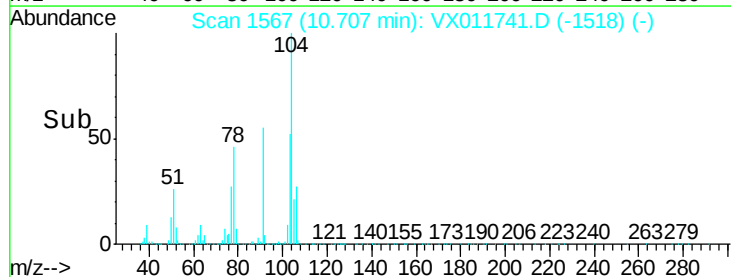
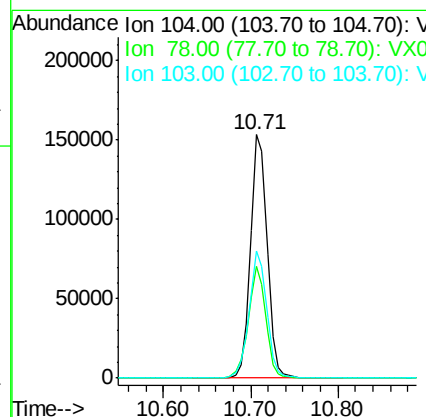
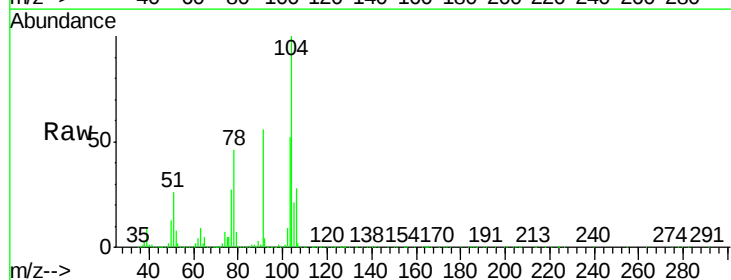
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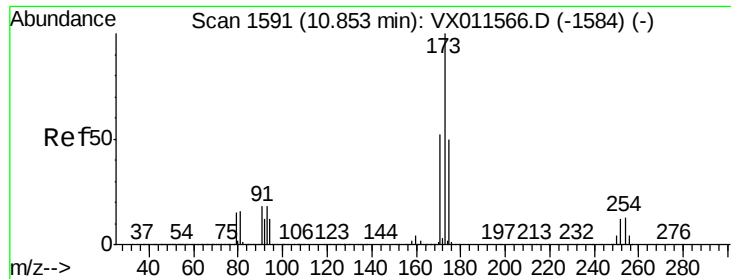
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#70
Styrene
Concen: 19.286 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	202953		
78	48.2	38.2	57.4	
103	55.0	43.6	65.4	





#71

Bromoform

Concen: 18.083 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

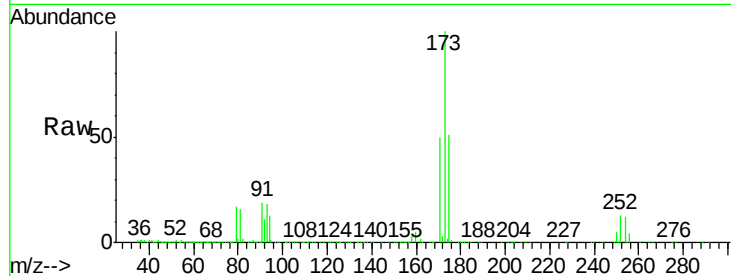
ClientSampleId :

VX0821WBS02

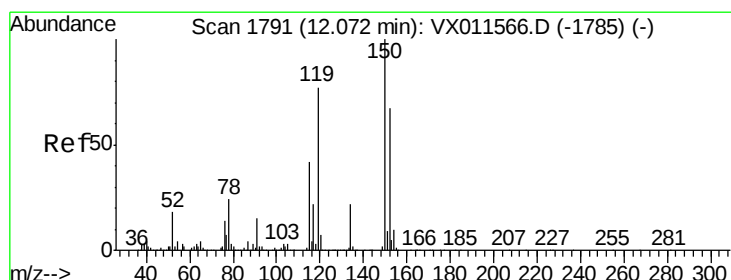
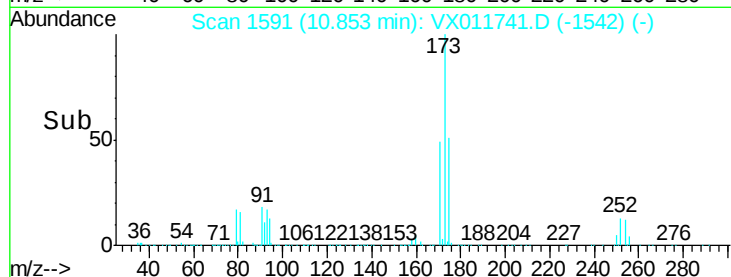
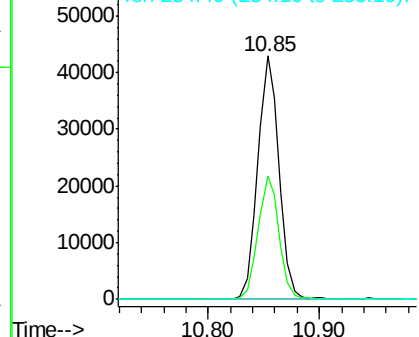
Tot Ion:	173	Resp:	57294
Ion Ratio	Lower	Upper	
173	100		
175	50.0	24.9	74.7
254	0.3	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

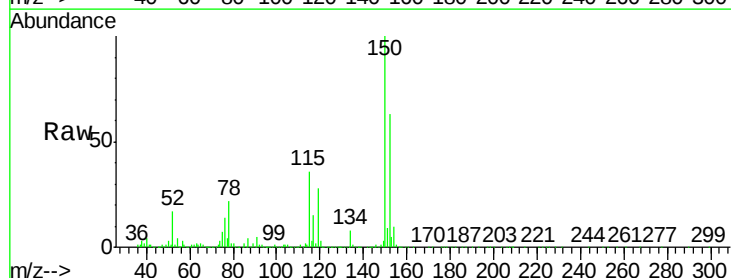
RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

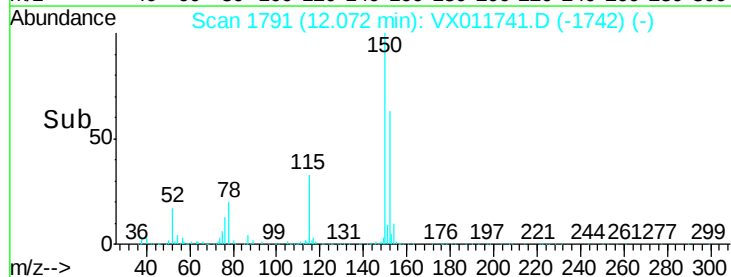
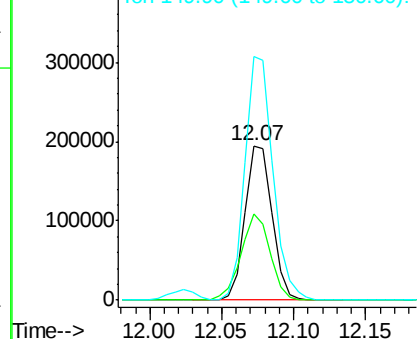
Lab File: VX011741.D

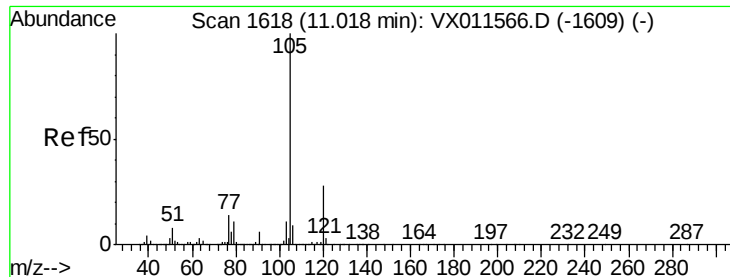
Acq: 21 Aug 2019 19:49

Tgt Ion:	152	Resp:	253630
Ion Ratio	Lower	Upper	
152	100		
115	60.3	37.3	111.9
150	163.0	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.609 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 105 Resp: 322723

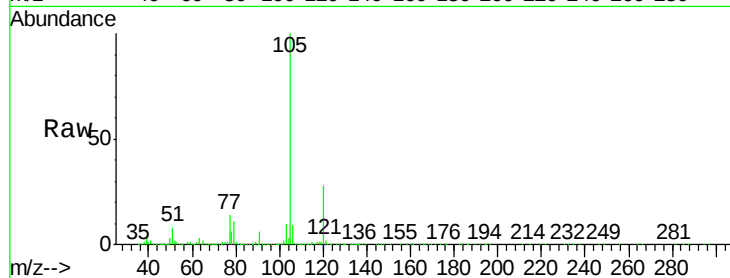
Ion Ratio Lower Upper

105 100

120 27.5 14.0 41.9

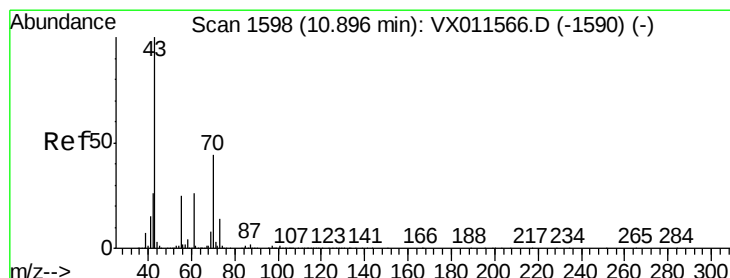
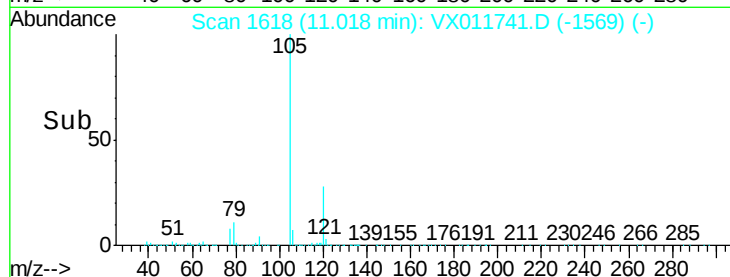
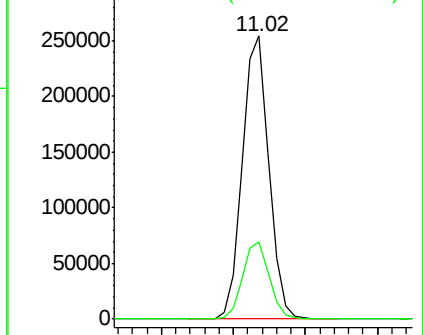
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.643 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion: 43 Resp: 123395

Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 25.1 19.6 29.4

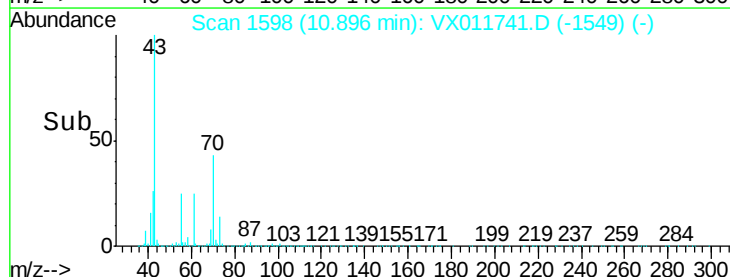
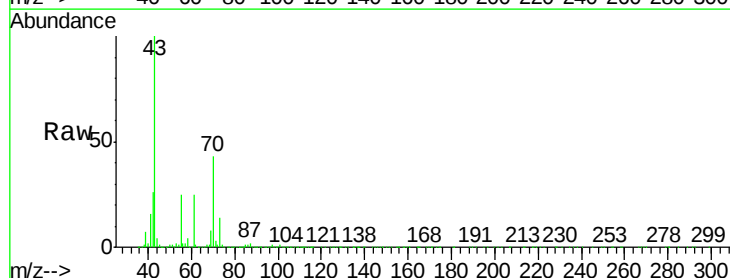
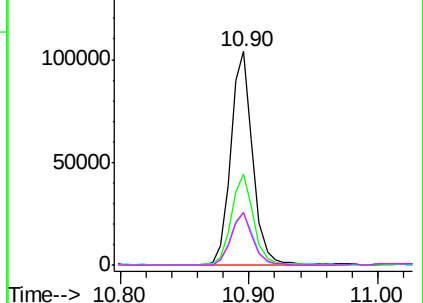
61 24.7 19.9 29.9

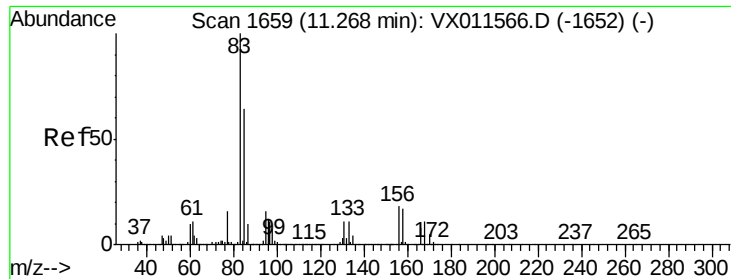
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.131 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

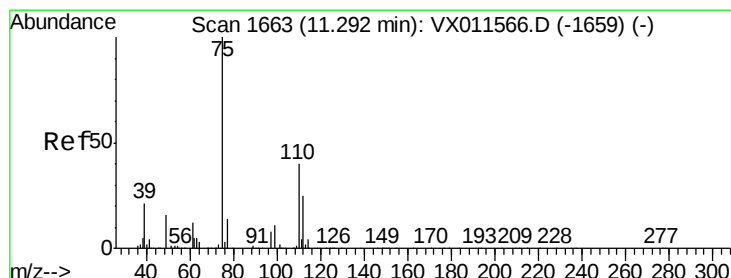
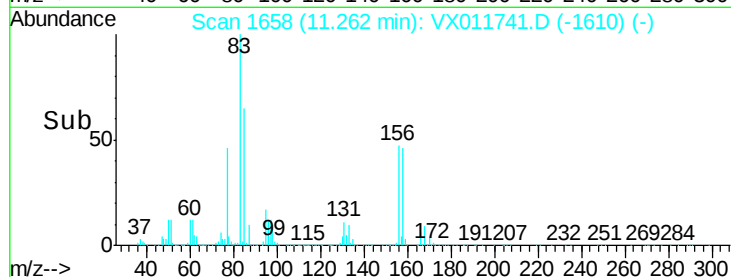
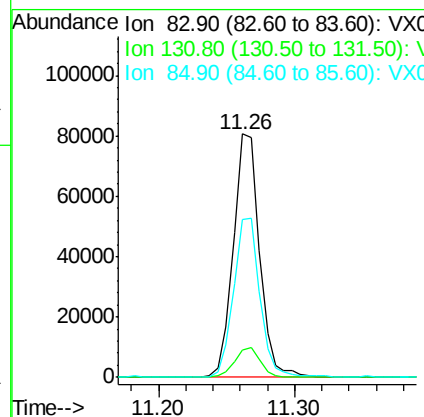
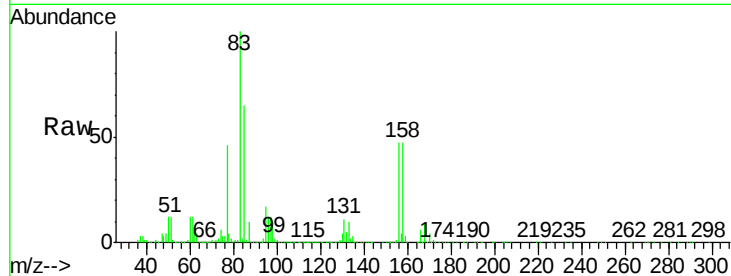
ClientSampleId :

VX0821WBS02

Tot Ion:	83	Resp:	108312
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.8	17.3
85	65.7	31.9	95.9

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8/22/2019 10:01:41 AM



#76

1,2,3-Trichloropropane

Concen: 19.653 ug/l m

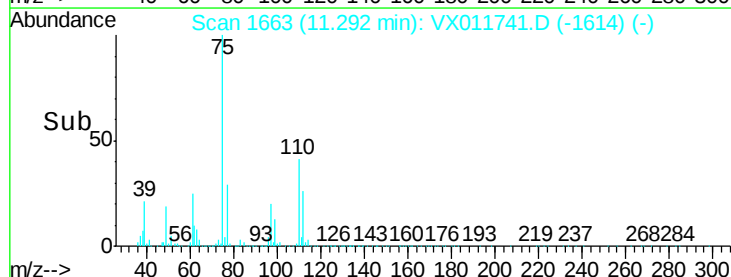
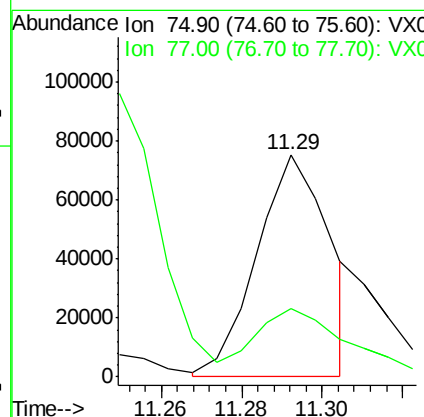
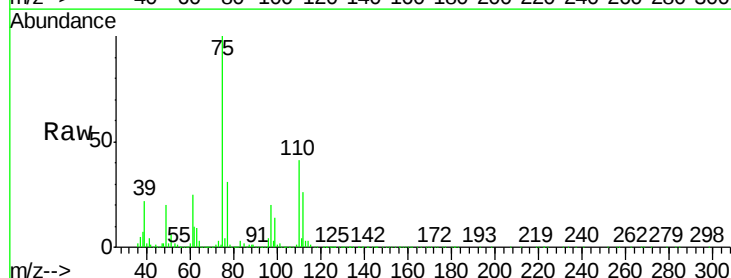
RT: 11.29 min Scan# 1663

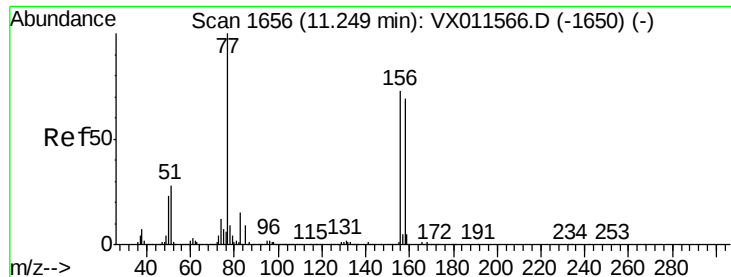
Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:	75	Resp:	94518
Ion Ratio	Lower	Upper	
75	100		
77	39.7	20.9	62.8





#77

Bromobenzene

Concen: 19.647 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

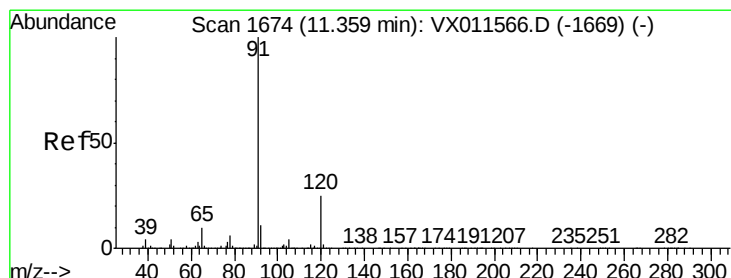
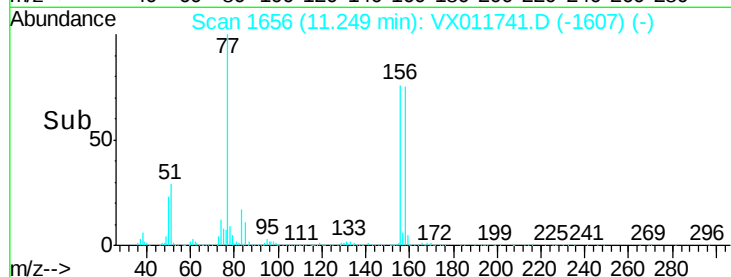
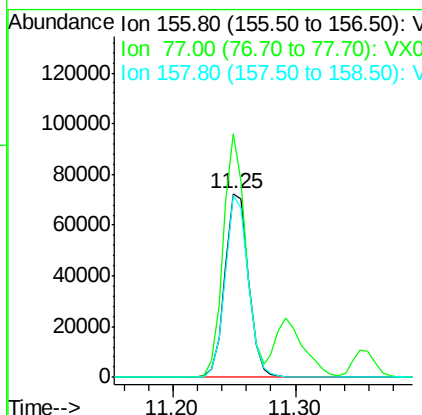
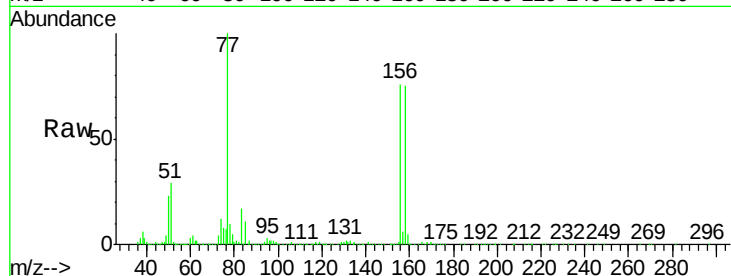
ClientSampleId :

VX0821WBS02

Tot Ion:	156	Resp:	96201
Ion Ratio	Lower	Upper	
156	100		
77	126.9	64.6	193.9
158	97.3	48.4	145.3

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#78

n-propylbenzene

Concen: 19.448 ug/l

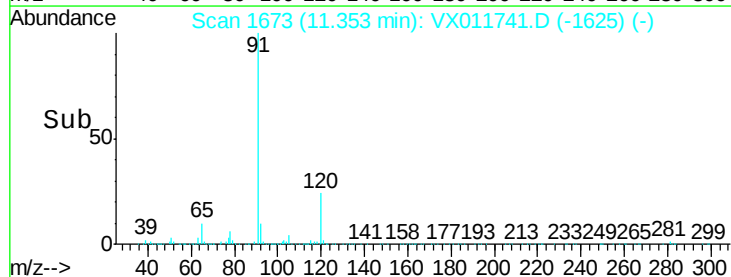
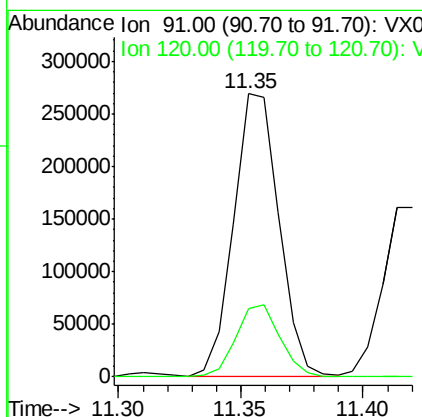
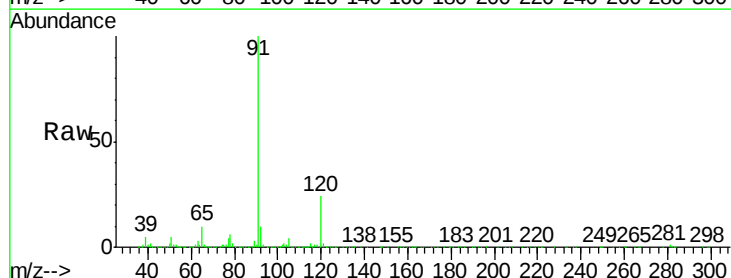
RT: 11.35 min Scan# 1673

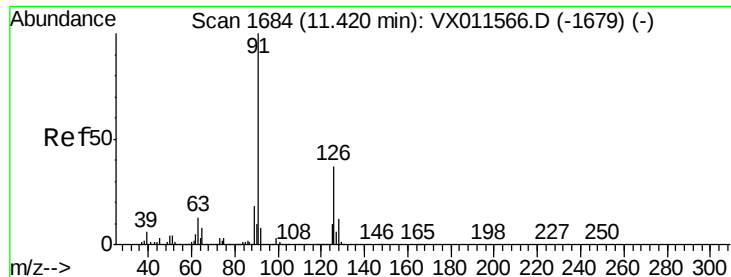
Delta R.T. -0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:	91	Resp:	345140
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.6	37.6





#79

2-Chlorotoluene

Concen: 19.628 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion: 91 Resp: 213887

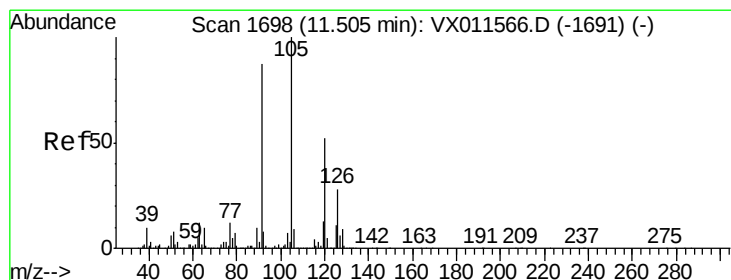
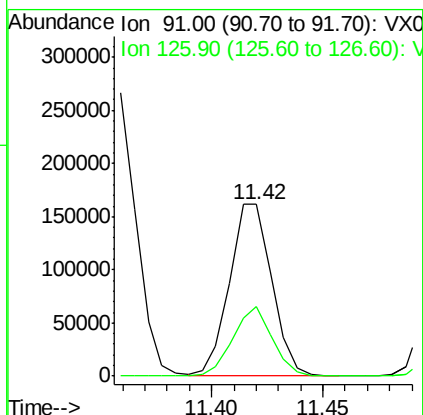
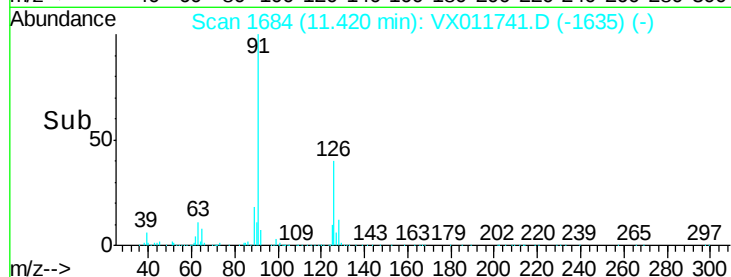
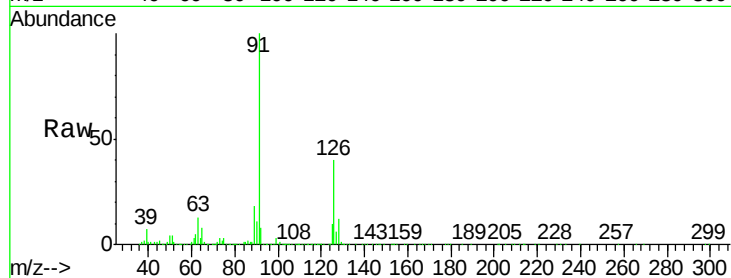
Ion Ratio Lower Upper

91 100

126 37.5 18.4 55.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.685 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011741.D

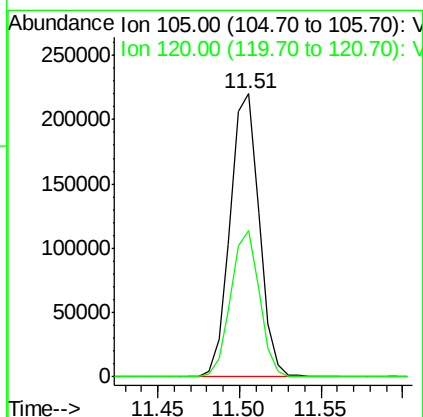
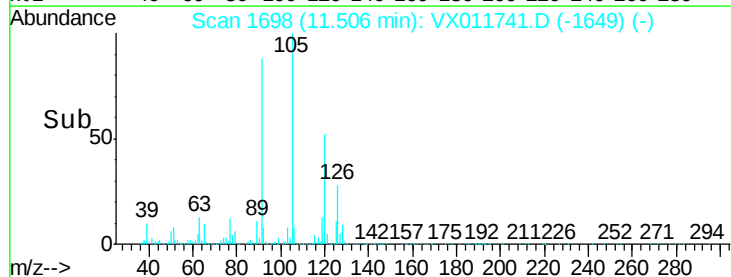
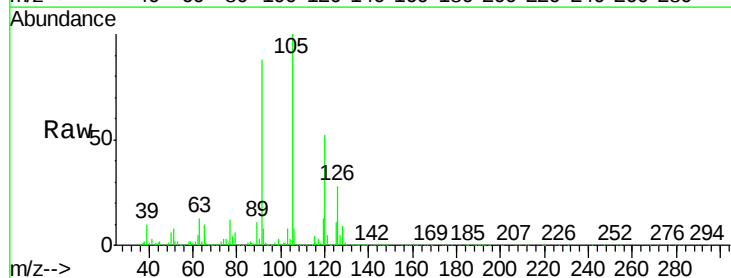
Acq: 21 Aug 2019 19:49

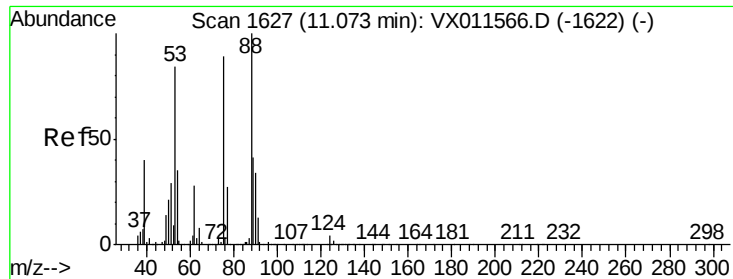
Tgt Ion: 105 Resp: 272143

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.8





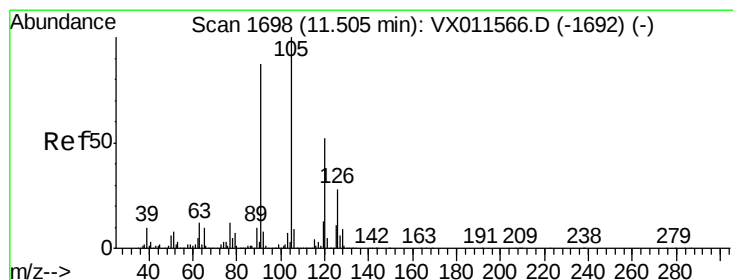
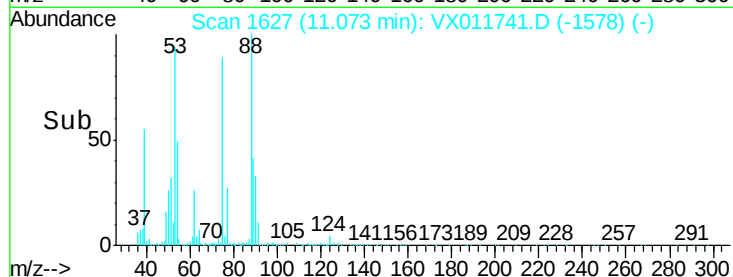
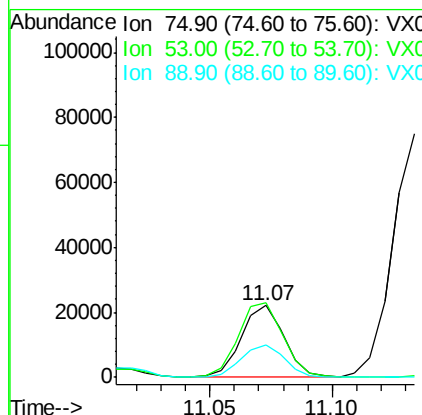
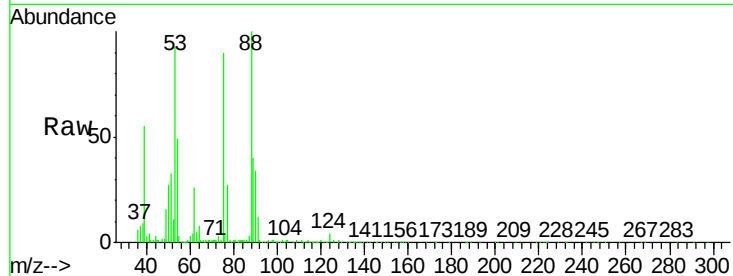
#81
trans-1,4-Dichloro-2-butene
Concen: 18.097 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	77.4	116.0
89	46.1	37.3	55.9

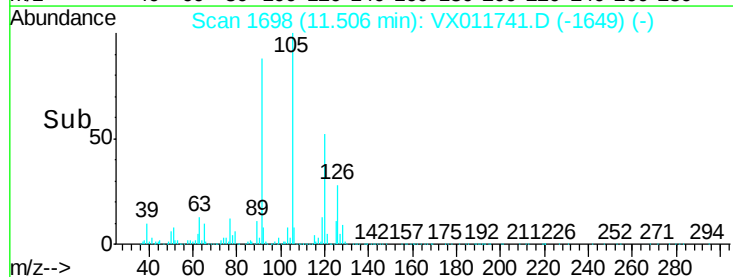
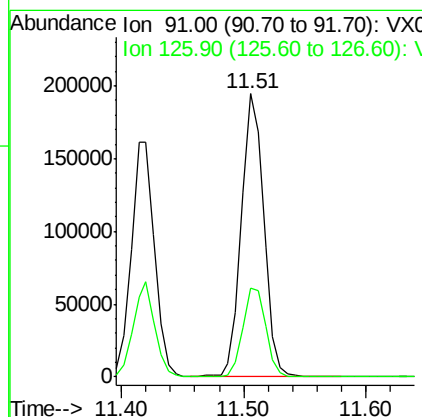
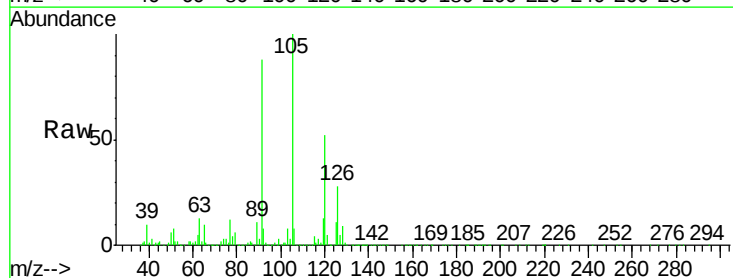
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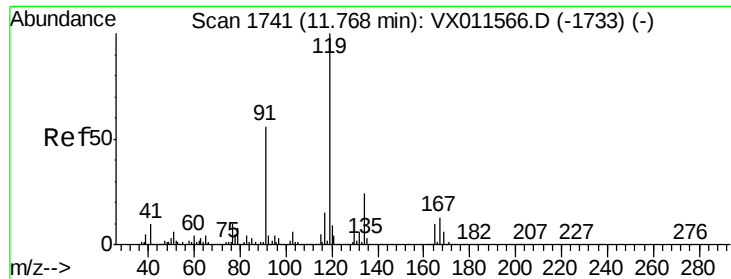
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#82
4-Chlorotoluene
Concen: 19.416 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.1





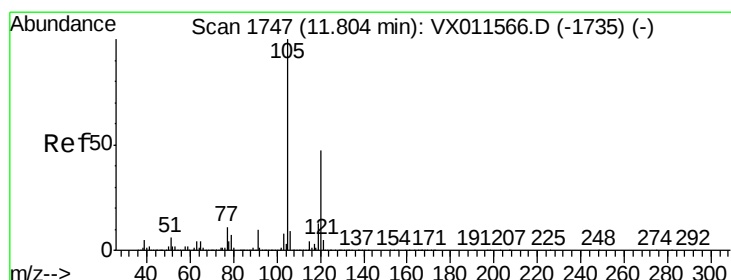
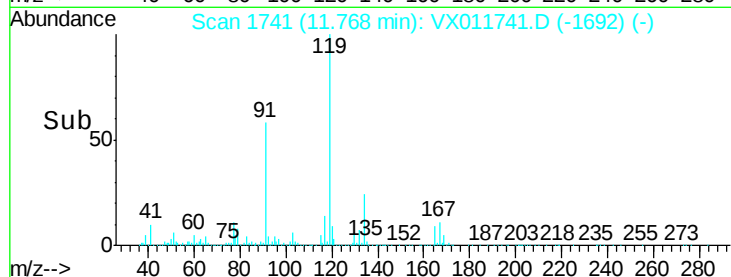
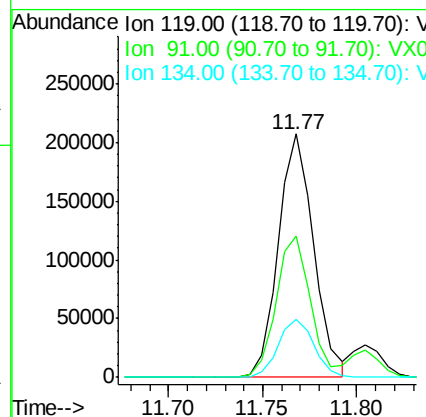
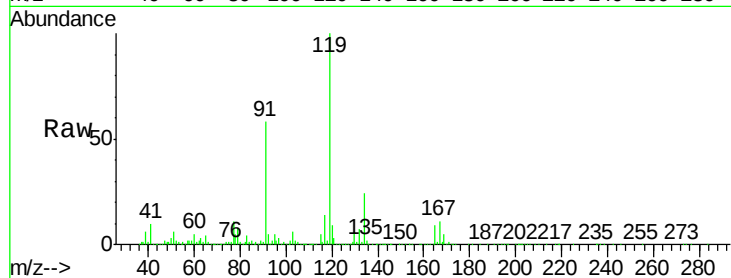
#83
tert-Butylbenzene
Concen: 19.126 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	269305		
91	56.8		27.1	81.3
134	24.3		11.8	35.3

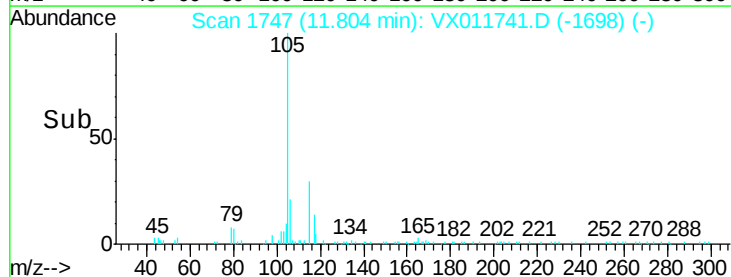
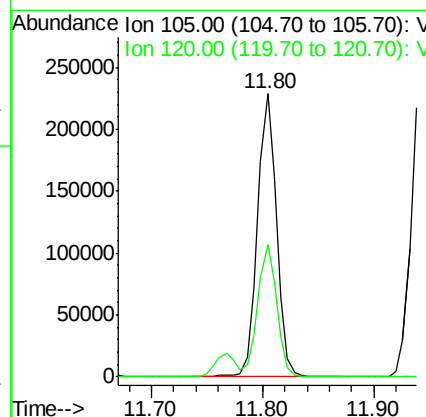
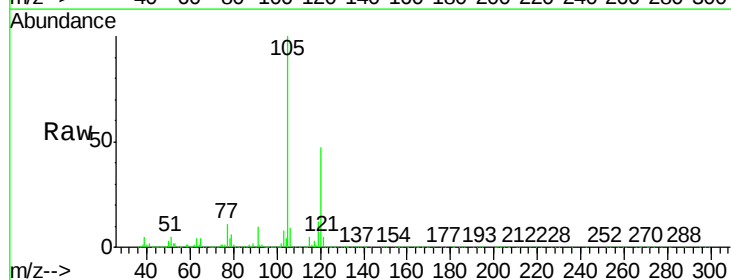
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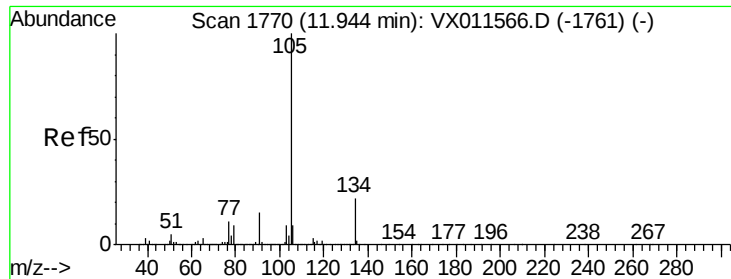
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#84
1,2,4-Trimethylbenzene
Concen: 19.594 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271947		
120	47.2		23.3	69.9





#85

sec-Butylbenzene

Concen: 19.367 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tot Ion:105 Resp: 307674

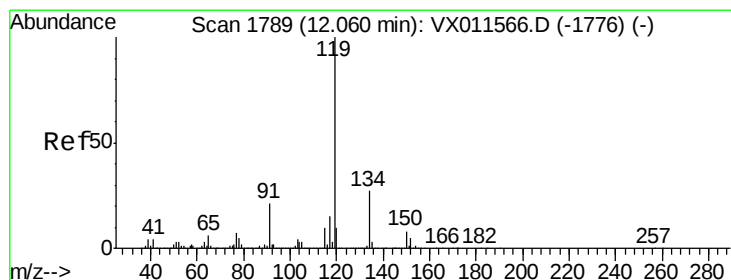
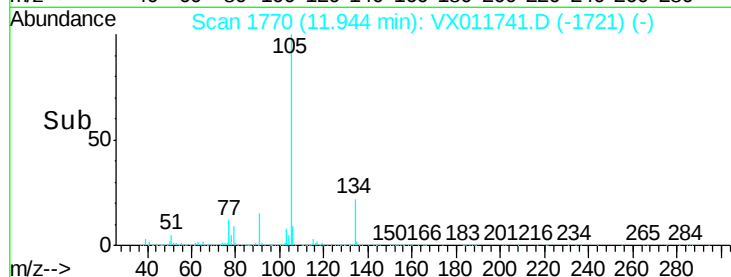
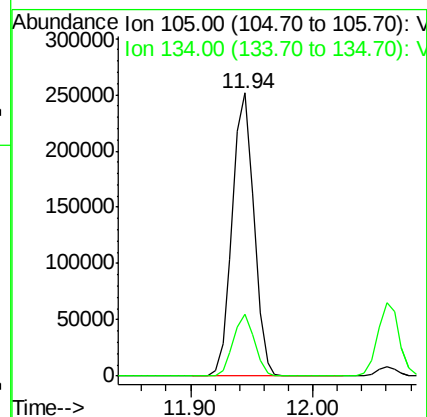
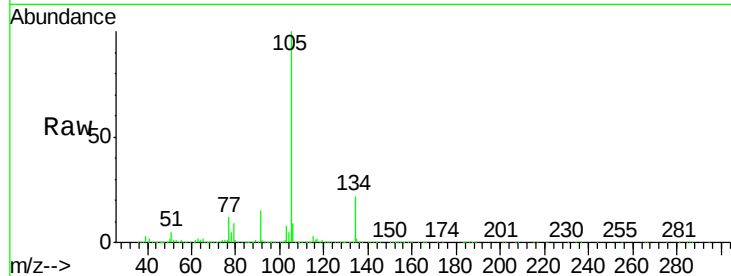
Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.356 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

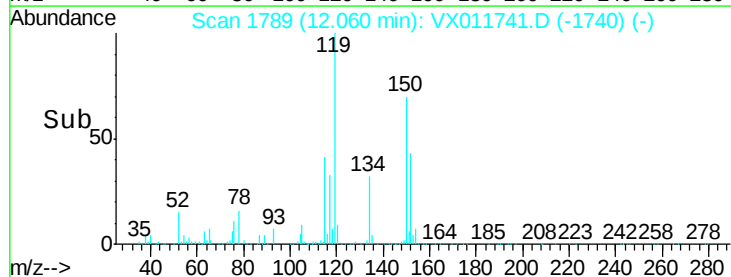
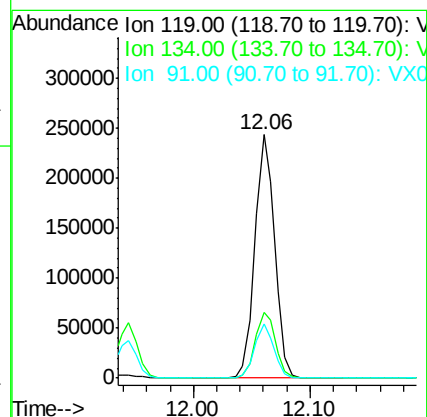
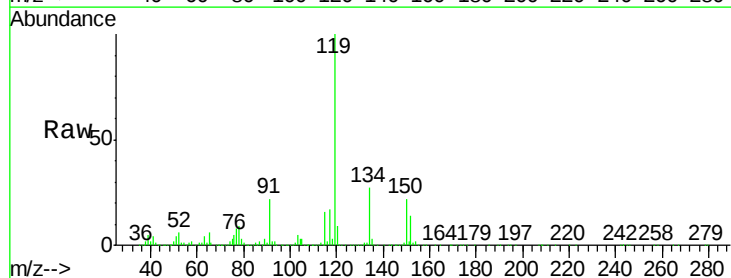
Tgt Ion:119 Resp: 289277

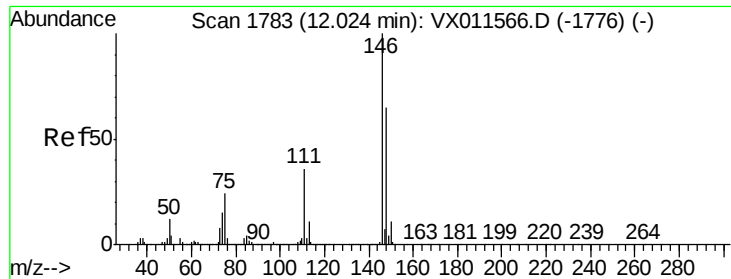
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

91 21.7 10.9 32.9





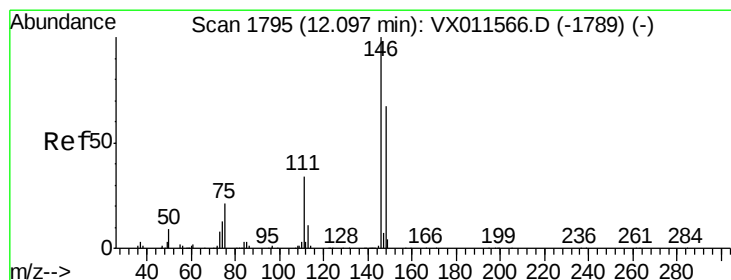
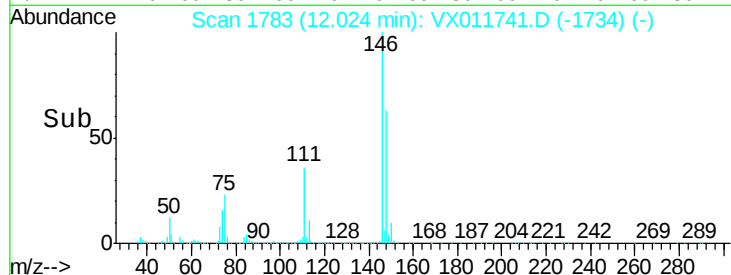
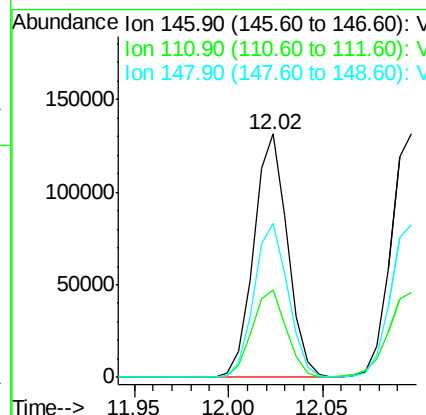
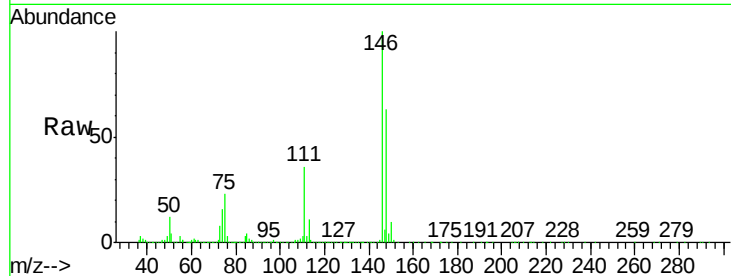
#87
 1,3-Dichlorobenzene
 Concen: 19.233 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.4
148	64.4	32.0	96.0

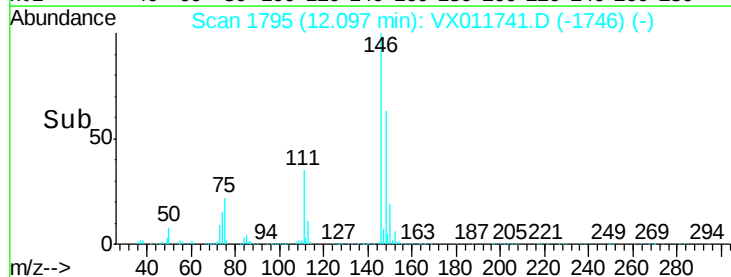
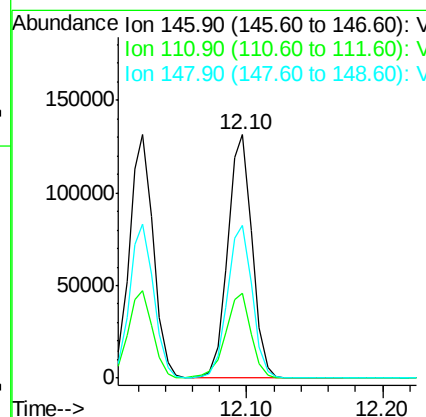
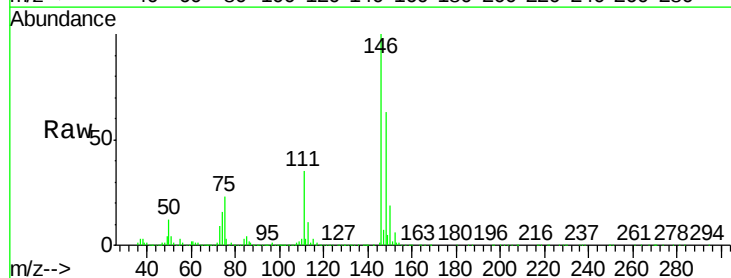
Manual Integrations
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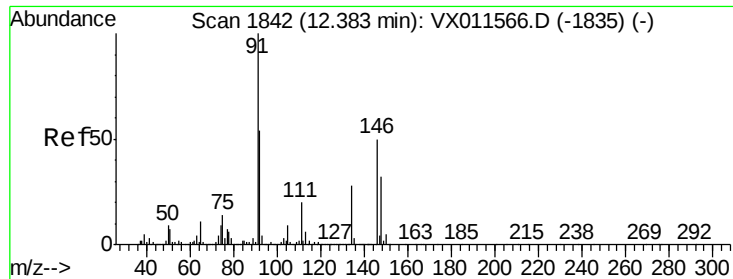
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#88
 1,4-Dichlorobenzene
 Concen: 18.964 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.9	53.7
148	64.3	32.5	97.5





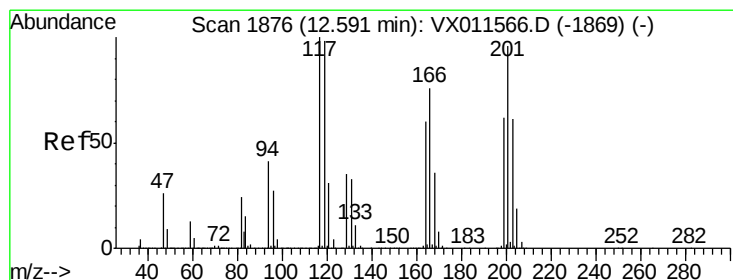
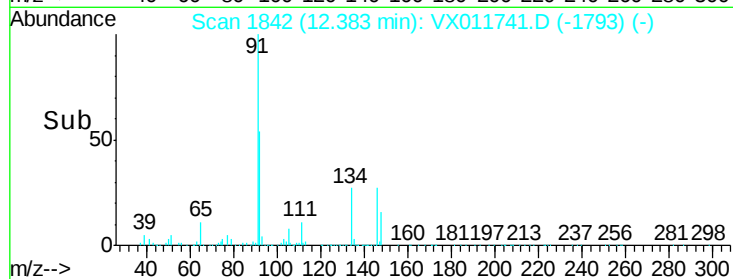
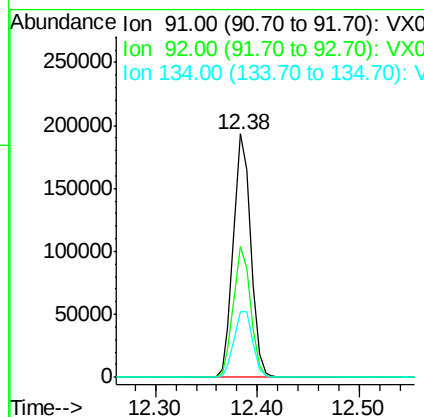
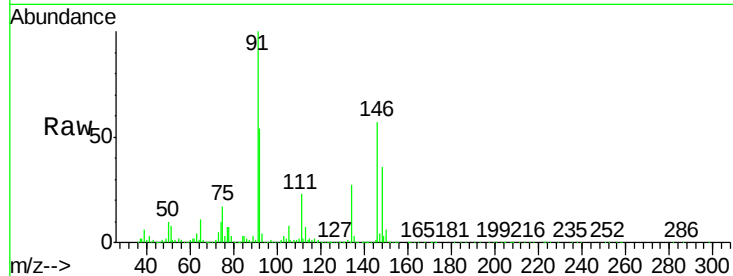
#89
n-Butylbenzene
Concen: 18.488 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tot Ion:	91	Resp:	227167
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.8	80.3
134	29.0	14.6	44.0

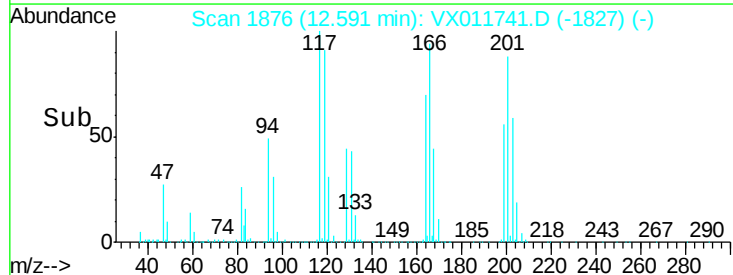
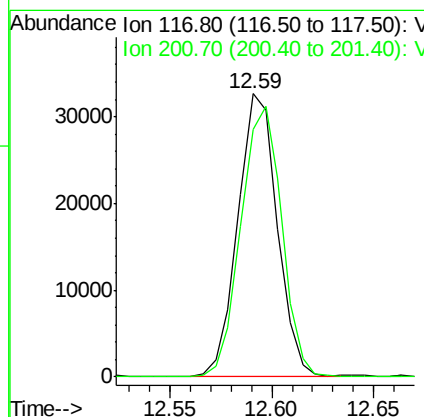
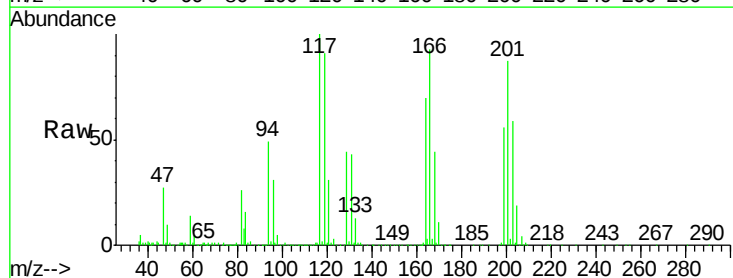
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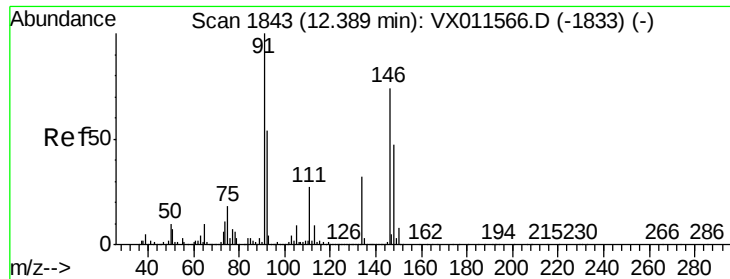
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#90
Hexachloroethane
Concen: 18.561 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion:	117	Resp:	43805
Ion Ratio	Lower	Upper	
117	100		
201	98.8	51.9	155.7





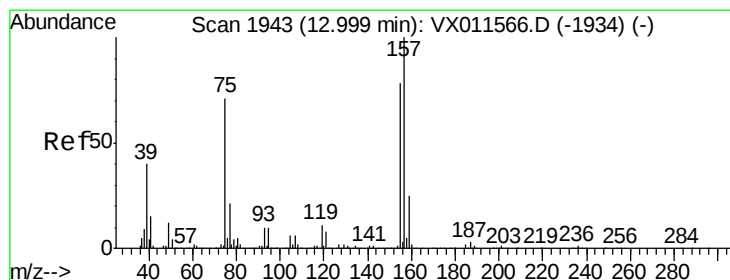
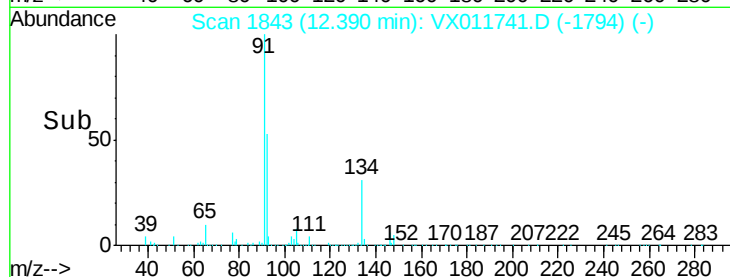
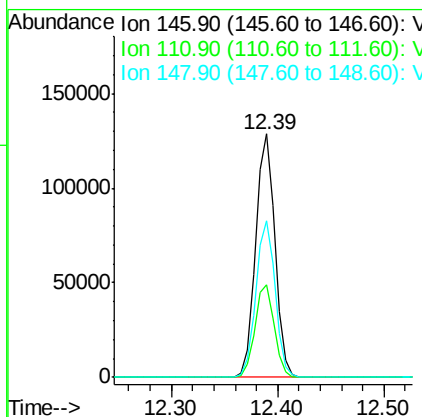
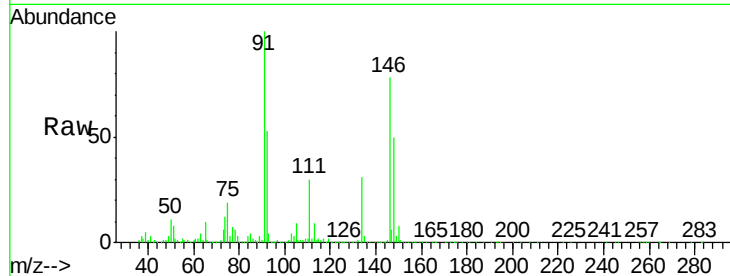
#91
 1,2-Dichlorobenzene
 Concen: 19.459 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	164399		
111	38.2	18.9	56.7	
148	64.1	31.9	95.9	

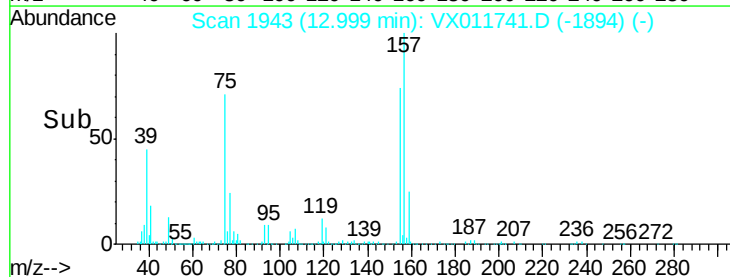
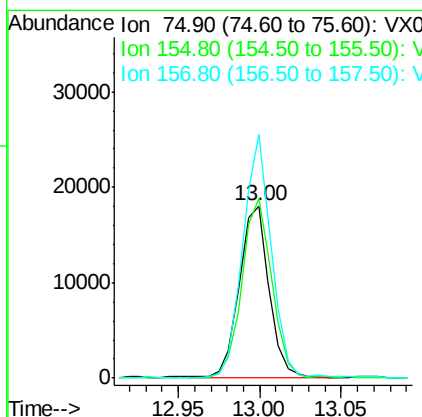
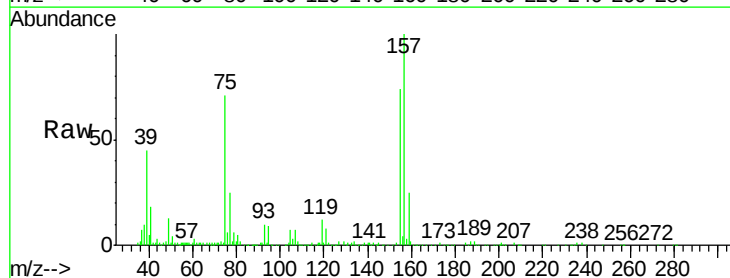
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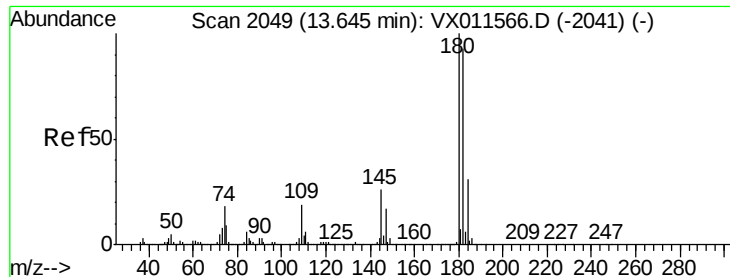
MMDadoda
 8/22/2019 10:01:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.556 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22739		
155	105.9	53.0	159.0	
157	137.5	68.3	205.1	





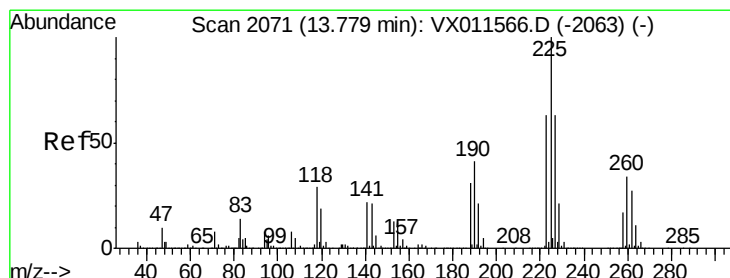
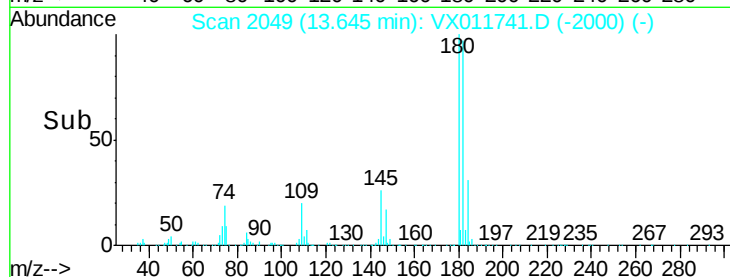
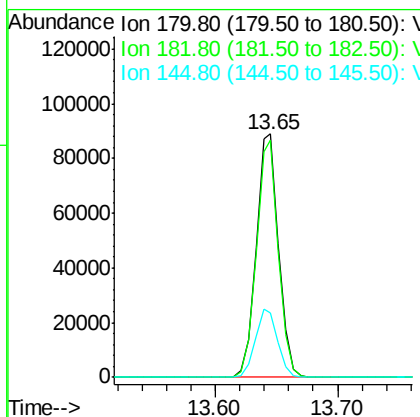
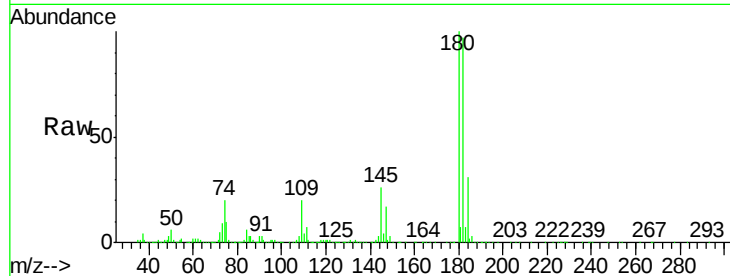
#93
 1,2,4-Trichlorobenzene
 Concen: 18.080 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	113815		
182	95.8	47.3	142.0	
145	28.2	13.6	40.8	

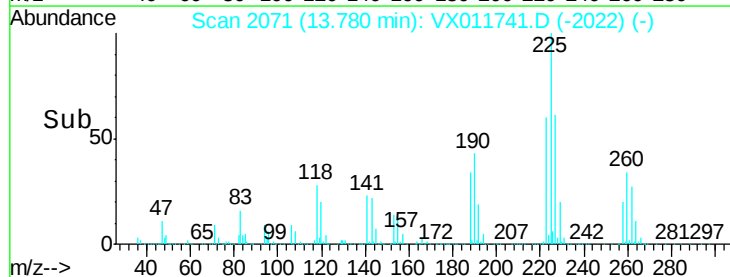
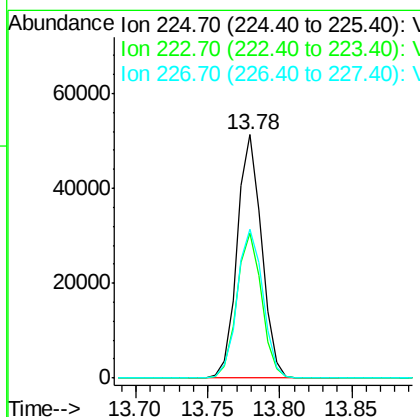
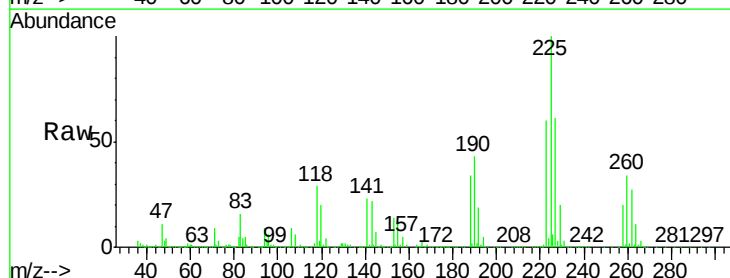
Manual Integrations
 APPROVED

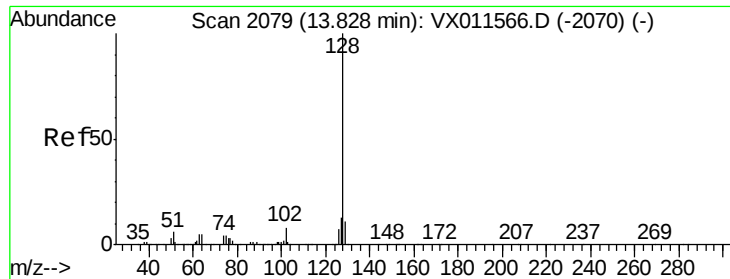
MMDadoda
 8/22/2019 10:01:41 AM



#94
 Hexachlorobutadiene
 Concen: 17.735 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60792		
223	60.7	31.4	94.0	
227	64.3	31.2	93.6	





#95

Naphthalene

Concen: 19.365 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

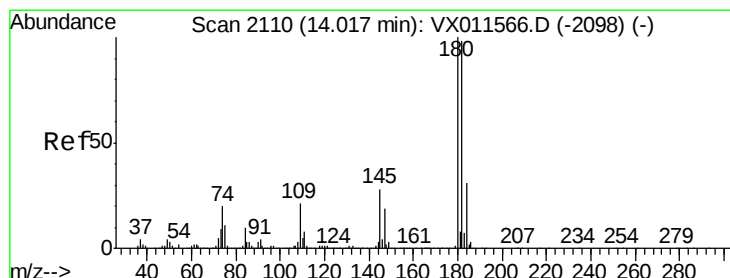
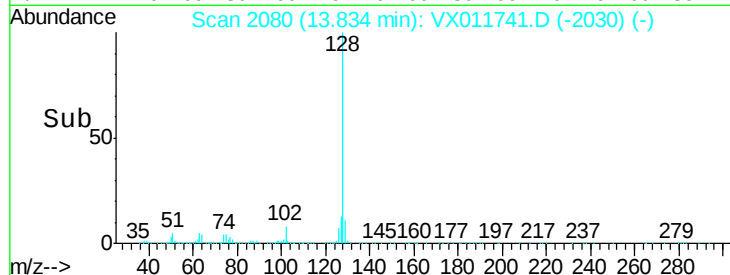
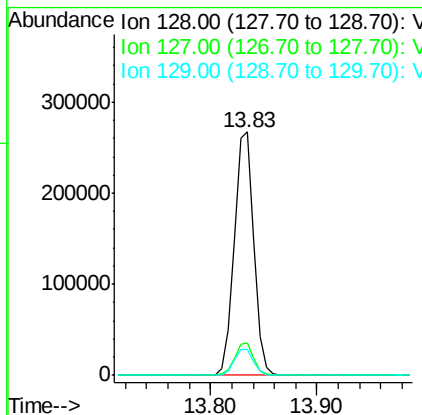
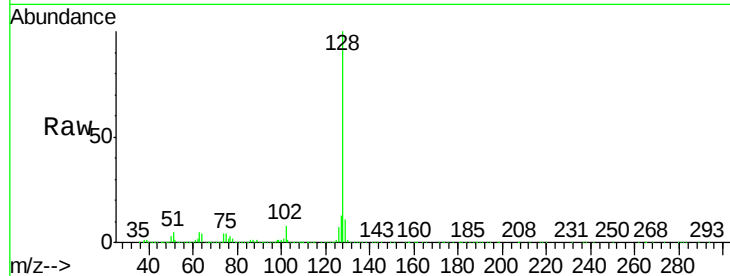
ClientSampleId :

VX0821WBS02

Tot Ion:	128	Resp:	344629
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/22/2019 10:01:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.107 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:	180	Resp:	121316
Ion Ratio	Lower	Upper	
180	100		
182	97.7	48.0	144.0
145	29.2	14.6	43.8

